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Ontario Universities

2004 Resource Document

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Introductory Notes

Some data in this edition of the *Resource Document* are preliminary, estimated or projected, and as such are subject to revision in future editions. Likewise, some data have been revised in this edition.

When a table combines data obtained from different sources, effort is taken to ensure that all data within the table are as comparable as possible and consistent with the purpose of the table. However, data may not always be identically reported between tables. For example, enrolment, financial or other data in one table may be based on a different set of institutions as the same data in another table. Please be sure to read the notes to each table, as well related appendices, when reviewing the tables.

For some tables, the content, sources of data, or methodologies used are different from the corresponding table in last year's edition of the *Resource Document*, and therefore may not be directly comparable.

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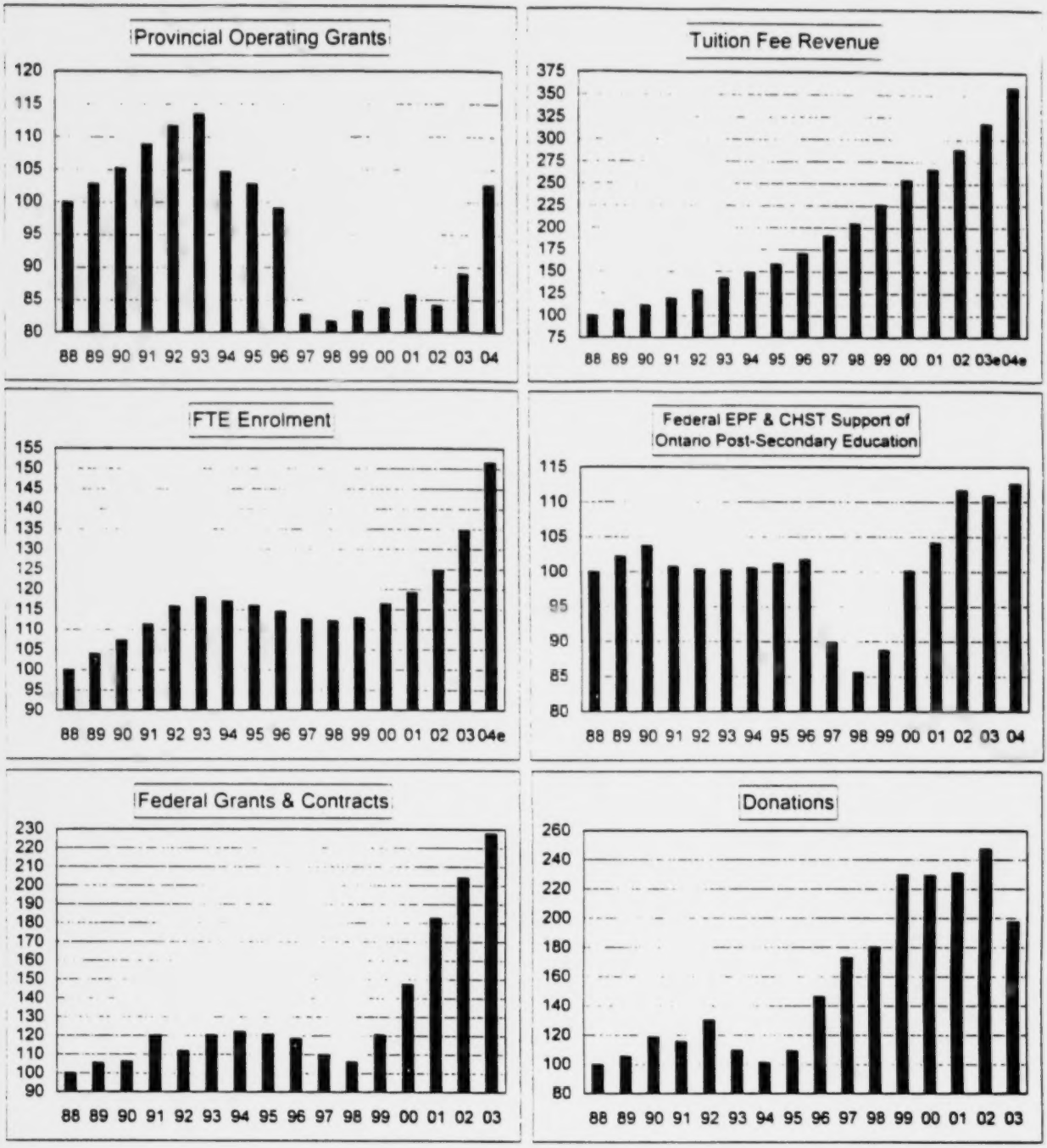
KEY TRENDS
ONTARIO UNIVERSITIES
1987 – 88 TO 2003-04



X-Axes Year Ending
Y-Axes Index relative to 1987-88 = 100. Financial indices are in constant 2002-03 dollars.

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To the Reader of this Report

The 2004[1] edition of the Council of Ontario Universities' *Resource Document* provides a comprehensive review of statistics and trends relevant to Ontario universities across a range of policy areas including grants and revenue, jurisdictional comparisons, comparisons with other sectors, research, tuition fees, student financial assistance, university infrastructure, faculty and staff, and education and employment.

Context for the Resource Document

This review of statistics and trends is important given that Ontario is experiencing the greatest increase in demand for university opportunities in 30 years. The latest projection from the Ministry of Training, Colleges and Universities (MTCU) suggest that total enrolments in this province are likely to increase well over 100,000 or 48% between 1998 and 2015[2]. Preliminary data suggests that new undergraduate enrolments from Ontario high schools for Fall full-time entry in 2003 increased by 41% over 2002-03 levels. This is roughly an increase of 21,000 students.

There are three main reasons for this enrolment surge:

- secondary school reform in Ontario allowed students to graduate from high school in four years instead of five and created a "double cohort" entering university in 2003,
- the population of 18-24 year olds is increasing,
- the percentage or participation rate of 18-24 year olds attending university is increasing.

MTCU's *Update: Ontario's Plan for Students in the Double Cohort* (Spring/Summer 2002) reaffirmed the Ontario Government's intention to ensure a place for every "willing and qualified student" within the postsecondary system[3]. Meeting these commitments and maintaining educational quality will require a major investment by the people of Ontario. The greatest challenge for universities will be to increase in areas where the grant reductions of the mid-1990s left universities most vulnerable – in faculty numbers, physical capacity to accommodate additional enrolment, and facilities and resources for teaching, learning and research.

Considerable effort has and is being made to help ensure that every qualified and motivated student will be accommodated. Senior-level representatives from the

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1) A Resource Document was not published in 2003

2) 1998 is chosen as the base year because it represents the beginning year of the enrolment projections that have informed subsequent deliberations with government.

3) http://mettowas21.edu.gov.on.ca/eng/general/postsec/superbuild/doublecohort.pdf

postsecondary community and government have met regularly to consider the most cost-effective ways of responding to the projected major expansion in enrolment.

The Ontario Government has responded by significantly increasing operating and capital grants over the last few years. The effect of the enrolment surge is a long-term phenomenon and will require a significant, ongoing funding commitment from the province to ensure access for students and maintain the quality of their education in the years to come.

Highlights of this Report

Section 1 - Grants and Revenue: The Ontario Picture

- Provincial operating grants from the Ministry of Training, Colleges and Universities to Ontario universities were $2,216 million in 2003-04, a 17.5% increase over 2002-03 and a $483 million or 28% increase over 2001-02. The increase is a direct response to the "double cohort" increase in undergraduate enrolments. (Table 1.1).

- Despite the increases mentioned above, in constant dollar terms grants in 2003-04 are $190 million, or 7.9%, lower than in 1992-93— the "peak year" for operating grants (Table 1.1).

- Tuition fee revenue has increased dramatically since 1987-88 (Table 1.1). Beginning in 1996-97 universities were required to collect a fixed proportion (10% in 1996-97, 30% each year thereafter) of the additional tuition fee revenue due to rising tuition fee rates for use in student financial aid. The Ministry of Training, Colleges and Universities estimates that this "set-aside" was $125.8 million in 2002-03.

- In constant dollar terms, provincial operating grants per student decreased by 32.3% between 1987-88 and 2003-04, while gross tuition fee (before set-aside provisions for student aid) revenue per student is estimated to have increased by 136.5%. Excluding set-aside, tuition revenues increased by 117.2% from 1987-88 to 2002-03 (Table 1.2).

- Federal government support of Ontario post-secondary education, through Established Program Financing (EPF) and the Canada Health and Social Transfer (CHST), is estimated to have stayed flat in constant dollar terms from 1987-88 to 1999-00 but improved by 12.6% by 2003-04. (Table 1.3).

- Growth in Ontario's provincial budget and gross domestic product has outpaced funding to Ontario universities since 1987-88 (Table 1.4). The university share of the provincial budget dropped from 4.2% in 1987-88 to 2.7% in 1999-00 then — in response to double cohort enrolment— it grew to 3.1% for 2003-04. The university share of provincial gross domestic product (GDP) dropped from 0.71% in 1992-93 to 0.39% in 2001-02, but recovered to 0.44% in 2003-04 (Table 1.5). If universities had maintained their 1992-93 percentage shares of the provincial budget and GDP, operating grants would have been $2,658 million and $3,523 million, respectively, in 2003-04. It is evident that Ontario's universities have not shared in provincial revenue or economic growth.

- Ontario universities have increased their income from donations by 98% and from non-government grants and contracts by 225% in constant dollars from 1987-88 to 2002-03. After growing rapidly between 1995-96 and 1998-99, donations levelled off in 1999-00 to 2000-01, and began to rise again in 2001-02, but dropped significantly in 2002-03 (Table 1.7).

Section 2 - Grants and Revenue: Jurisdictional Comparisons

- Ontario universities ranked 10th out of the ten provinces in 2001-02 in terms of the percentage of their **operating** income that comes from provincial grants, 2nd in terms of fees, and 3rd in terms of all other sources of income (Table 2.1).

- The rank of Ontario universities improved from 7th in 2000-01 to 4th out of the ten provinces in 2001-02 in terms of the percentage of their **total** income that comes from federal grants, but remained 9th in terms of provincial grants and 2nd in terms of fees (Table 2.2).

- Ontario government funding for universities was 10th out of the ten provinces on a per *student* basis in 2001-02 (Table 2.3); remained 10th out of ten on a *per capita* basis for the tenth year in a row (Table 2.4) and 10th out of ten on a per *$1,000 of personal income* basis for the thirteenth year in a row (Table 2.5). Given 2001-02 funding levels, provincial funding to Ontario universities would have to increase by about $646 million to reach the funding per student level of the other nine province. Given 2002-03 funding levels provincial funding would have to rise by about $850 million to reach the funding per capita level, and by $1.2 billion to reach the funding per $1000 of personal provincial income level.

- Public, four-year peer universities in the United States received and spent over 30% more revenue and expenditure than Ontario universities in 2000-01. This represents a small improvement in Ontario's revenue performance over 1999-00, mostly due to increases in tuition revenue from deregulated programs and in research funding from the federal government. (Table 2.6).

- Over the five years between 1997-98 and 2002-03, state support for post-secondary education increased by an average of 28.3% in US states, while in Ontario provincial support for university education increased by 23.8%. Ontario ranked 33rd out of the 60 Canadian and US jurisdictions in terms of percentage ***change in funding*** over the five-year period. During the recent economic downturn, funding in many U.S. states has decreased along with declining tax revenues. At the same time, funding in Ontario has increased to address the double cohort. As a result, Ontario's 5-year rank should improve dramatically in the next few years. (Table 2.7).

Section 3 - Comparisons with Other Sectors

- After several years of decline, constant dollar per client expenditures in Ontario's post-secondary education increased to 1999-00, but declined again in 2000-01 and 2001-02. From 1987-88 to 2001-02 university expenditures per FTE grew by 5.5% in real terms. This is more than for community colleges, public schools and adult offenders, but dramatically below the increase in public health care expenditures (Table 3.1).

- Compared with other Canadian provinces, Ontario is 15% above the average in terms of school spending, but 5% below the average in terms of total university spending (Table 3.2).

Section 4 - Research

- Research infrastructure at Ontario universities is in decline. From 1987-88 to 2002-03, sponsored research expenditures grew by 177.0% in constant dollars, but operating expenditures, which include support for research activities, grew by only 43.1% (Table 4.1).

- At its inception in 1987-88, the Ontario government's Research Overhead/ Infrastructure Envelope represented 20.1% of the granting council funding used in its determination. By 2002-03, it represented only 12.5% (Table 4.2).

- From 1987-88 to 2001-02, Ontario's share of sponsored research funding from the three major federal granting agencies decreased from 38.9% to 33.6% (Table 4.3).

- In 2000, Ontario spent $671 per capita in gross expenditures on research and development (GERD). This puts Ontario third after the U.S. and Japan when compared with the G-7 countries. Canada and Ontario ranked first and second, however, in the percentage of GERD performed by the higher education sector (Table 4.4).

Section 5 - Tuition Fees

- From 1988-89 to 2003-04, the average tuition fee for Bachelor of Arts programs in Ontario universities increased from about $1,400 per year to about $4,200 per year (Table 5.2).

- Within Canada, only Nova Scotia, New Brunswick and Saskatchewan have higher Bachelor of Arts tuition fees than Ontario. As a percent of average personal income, tuition in Ontario is similar to Alberta, higher than Newfoundland, Quebec, Manitoba and B.C., and lower than PEI, Nova Scotia and Saskatchewan. (Table 5.3).

- Tuition **and** required fees in Ontario universities constitute 14.5% of average personal income, compared with 20.3% for charged at public universities in the Great Lakes states (Table 5.4).

Section 6 - Student Financial Assistance

- Provincial government spending on financial assistance for Ontario post-secondary students rose from about $180 million in 1987-88 to almost $868 million in 1999-00. The Ontario government projected that this would decline to $441 million in 2002-03. The projection for 2003-04 is lower still, but not comparable due to a change in accounting policy (Table 6.1). It is important to keep in mind that the Ontario government made a policy decision to discontinue OSAP grants in 1993-94 and replace them with a loan-based system. In recent years, some attention has been paid to restoring student grants through a variety of mechanisms. Additionally, through the Ontario Student Opportunities Trust Fund (OSOTF) and the Tuition Set-aside, more student aid is now provided directly by the universities.

- The amount per student that Ontario universities spent on scholarships and bursaries increased by more than 638% between 1987-88 and 2002-03. Expenditures on scholarships and bursaries have increased from 1.6% of total university expenditures to 5.4% (Table 6.2).

- Although OSAP loan default rates for university students rose slightly from 7.1% in 2000 to 7.4% in 2001, they are consistently and significantly lower than for students in colleges and private vocational institutes. (Table 6.3).

Section 7 - University Infrastructure

- The price of library books and periodicals is increasing more rapidly than library acquisition expenditures, which in turn are increasing more rapidly than total library expenses, which in turn are increasing more rapidly than enrolment (Table 7.1).

- The percentage of university capital expenditures funded by the Ontario Ministry of Training, Colleges and Universities declined from 59% in 1987-88 to 22% in 1998-99 (Table 7.2). Capital funding from MTCU then jumped dramatically from $35.4 million in 1998-99 to $604.8 million in 1999-00 because of the SuperBuild program, which was driven by the need to accommodate the projected increase in enrolment over the decade. It moderated to $94.1 million in 2000-01 and dropped further to $27.7 million in 2001-02.

- Even with major increases in capital expenditures in 1999-00 and 2000-01, when averaged over the decade to 2001 Ontario was 6th in terms of capital expenditures per FTE. (Table 7.3).

- In 2001-02 Ontario continued to rank below many of the other nine provinces in terms of several capital and plant related indicators. (Table 7.4).

- In 2001-02 Ontario universities were operating with only 78% of required space, as measured against established space standards (Table 7.5).

Section 8 - Faculty and Staff

- The number of faculty and staff at Ontario universities declined by 7% between 1987-88 and 2000-01, while enrolment increased by 19% (Table 8.1).

- Total faculty and staff salaries, in terms of constant dollars, have also not kept pace with increasing enrolment (Table 8.2).

- Total benefits rose from 10.4% to 17.3% from 1987-88 to 2002-03 and have gone from 3.9% to 6.8% of total compensation over that period. Between 2001 and 2002, non-statutory benefits rose from 6.8% to 10.5% of total compensation (Table 8.3).

- Student/Faculty ratios continued to deteriorate in the university sector from 1997-98 to 2001-02 while community college ratios stabilized over the same period. (Table 8.4).

- Ontario universities have the highest ratio of full-time equivalent (FTE) students to full-time faculty, and FTE students to FTE faculty in the country (Table 8.5 and 8.6).

Section 9 - Education and Employment

- In 2001 to 2003 the unemployment rate in Ontario for college graduates equalled that for all university graduates and was lower than those with only a bachelor's degree. University graduates continue to do better than their college counterparts in the rest of Canada. This anomaly in Ontario is partly due to a cyclical boom in the manufacturing and construction industries— industries that do not require many workers with university educations— and a bust in the high-tech sector. For further analysis, see Philip Cross, *Year End Review* in the Canadian Economic Observer, March 2003. (Table 9.1). Statistics from the Ontario University Graduate Survey and the Association of Colleges of Applied Arts and Sciences show persistently higher employment for recent graduates from universities compared with colleges (see Ontario College and University Fact Sheet at http://www.cou.on.ca/publications/briefs_reports/2004/14-30-13-73-17.pdf

- The percentage of jobs in Ontario held by university graduates continues to increase, climbing from 17.5% in 1990 to 24.7% in 2002 (Table 9.2).

Section 1

Grants and Revenue: The Ontario Picture

TABLE 1.1

PROVINCIAL OPERATING GRANTS
AND TUITION FEE REVENUE
ONTARIO UNIVERSITIES
1987-88 TO 2003-04

	Actual $000s			Constant 2003-04 $000s		
	Operating Grants	Tuition Fees	Grants + Fees	Operating Grants	Tuition Fees	Grants + Fees
1987-88	$1,451,592	$343,728	$1,795,320	$2,119,395	$501,860	$2,669,071
1988-89	$1,554,947	$379,690	$1,934,637	$2,180,542	$532,449	$2,762,482
1989-90	$1,676,864	$421,021	$2,097,885	$2,232,118	$560,432	$2,843,492
1990-91	$1,822,796	$474,561	$2,297,357	$2,309,131	$601,177	$2,963,398
1991-92	$1,945,074	$532,429	$2,477,503	$2,369,453	$648,595	$3,073,104
1992-93	$2,009,133	$596,665	$2,605,798	$2,406,171	$714,576	$3,177,676
1993-94	$1,875,973	$630,966	$2,506,939	$2,218,062	$746,025	$3,018,157
1994-95	$1,853,629	$677,179	$2,530,808	$2,178,827	$795,982	$3,029,077
1995-96	$1,822,477	$744,393	$2,566,870	$2,099,243	$857,438	$3,010,618
1996-97	$1,550,722	$846,891	$2,397,613	$1,754,381	$958,115	$2,761,978
1997-98	$1,550,972	$920,047	$2,471,019	$1,733,524	$1,028,338	$2,812,244
1998-99	$1,596,514	$1,025,491	$2,622,005	$1,766,418	$1,134,626	$2,953,965
1999-00	$1,640,581	$1,179,444	$2,820,025	$1,776,069	$1,276,849	$3,108,609
2000-01	$1,726,897	$1,271,826	$2,998,723	$1,817,310	$1,338,414	$3,213,291
2001-02	$1,732,385	$1,406,606	$3,138,991	$1,784,164	$1,448,648	$3,291,786
2002-03	$1,885,835	$1,593,702	$3,479,537	$1,885,835	$1,593,702	$3,543,011
2003-04	$2,215,681	*$1,831,404*	*$4,047,085*	*$2,215,681*	*$1,831,404*	*$4,047,085*

Notes:

Numbers in italics are estimates.

Operating Grants:

See Appendix H for details regarding 1998-99 to 2003-04.

Tuition Fees:

Affiliated and federated colleges included.

For 2003-04 assumes a 3.8% increase in tuition fee rates and a 10.7% increase in FTE growth

Beginning in 1996-97 universities were required to set aside for increased student financial assistance a fixed proportion (10% in 1996-97, 30% each year thereafter) of the additional tuition fee revenue attributable to rising tuition fee rates. The "set-aside" was $11.8M in 1996-97, $32.5M in 1997-98, $54.8M in 1998-99, $84.5M in 1999-2000, $98.2M in 2000-01, $114.8 in 2001-02 and was projected to be $125.8 in 2002-03.

Sources:

Operating Grants:	Public Accounts of Ontario, 1987-88 to 1994-95 MTCU Grant Announcements, 1995-96 to 2003-04
Tuition Fees:	COFO-UO, Financial Report of Ontario Universities, 1987-88 to 2002-03.
CPI:	Statistics Canada, May to April for each year.

FIGURE 1.1

PROVINCIAL OPERATING GRANTS
AND TUITION FEE REVENUE
ONTARIO UNIVERSITIES
1987-88 TO 2003-04

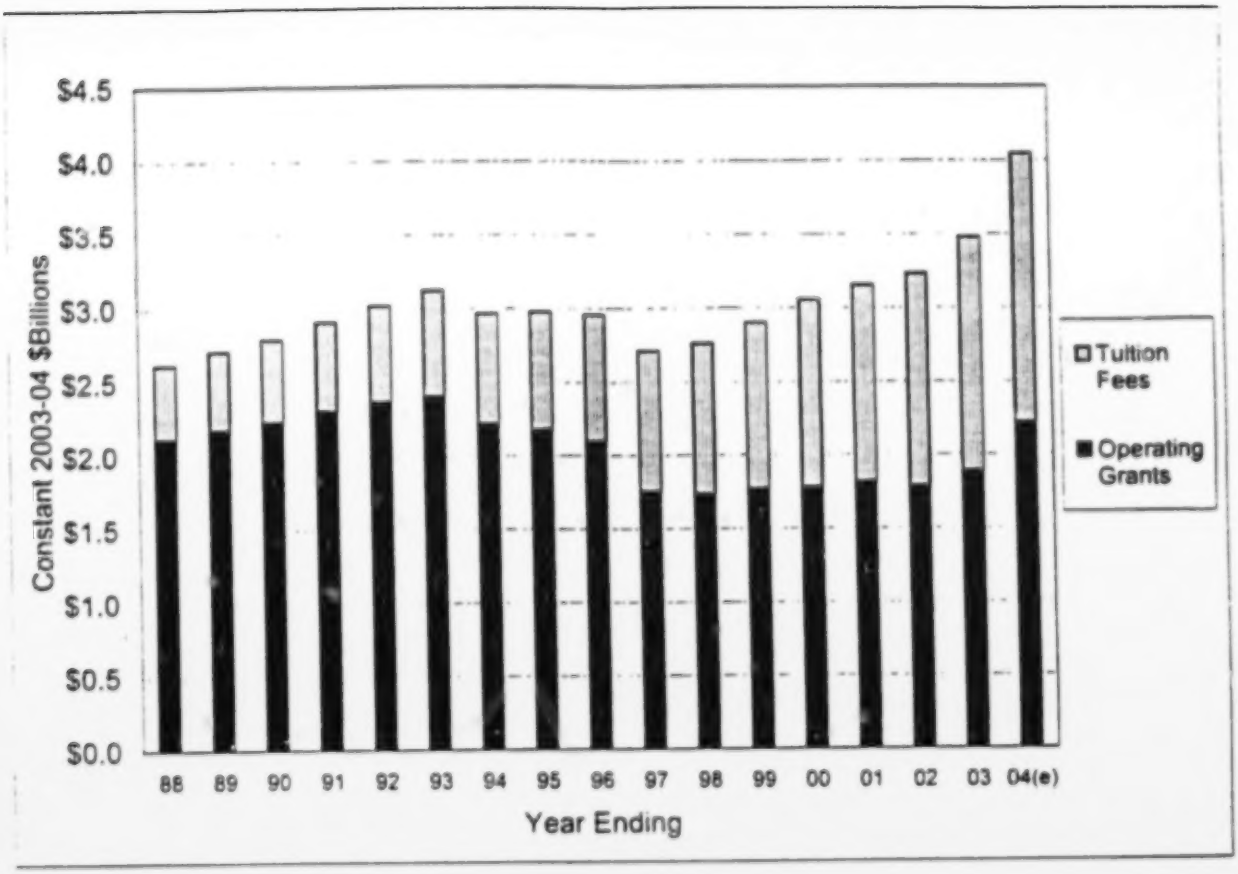


TABLE 1.2

PROVINCIAL OPERATING GRANTS AND TUITION FEE REVENUE PER FTE ENROLMENT ONTARIO UNIVERSITIES 1987-88 TO 2003-04

		Actual Dollars						Constant 2003-04 Dollars					Index of Constant 2002-03 Dollars				
	FTE Enrolment	Operating Grants	Gross Tuition	Grant + Gross Tuition	Tuition Set-Aside	Net Tuition Fees	Grants + NTF	Operating Grants	Gross Tuition	Grant + Gross Tuition	Net Tuition Fees	Grants + NTF + TSA	Operating Grants	Gross Tuition	Grant + Gross Tuition	Net Tuition Fees	Grants + NTF
1987-88	221,446	$6,555	$1,552	$8,107	$0	$1,552	$8,107	$9,745	$2,308	$12,053	$2,308	$12,053	100.0	100.0	100.0	100.0	100.0
1988-89	230,357	$6,750	$1,648	$8,398	$0	$1,648	$8,398	$9,639	$2,354	$11,992	$2,354	$11,992	98.9	102.0	99.5	102.0	99.5
1989-90	237,752	$7,053	$1,771	$8,824	$0	$1,771	$8,824	$9,560	$2,400	$11,960	$2,400	$11,960	98.1	104.0	99.2	104.0	99.2
1990-91	246,828	$7,391	$1,924	$9,315	$0	$1,924	$9,315	$9,534	$2,482	$12,016	$2,482	$12,016	97.8	107.6	99.7	107.6	99.7
1991-92	256,592	$7,580	$2,075	$9,655	$0	$2,075	$9,655	$9,403	$2,574	$11,977	$2,574	$11,977	96.5	111.5	99.4	111.5	99.4
1992-93	261,380	$7,687	$2,283	$9,969	$0	$2,283	$9,969	$9,374	$2,784	$12,157	$2,784	$12,157	96.2	120.6	100.9	120.6	100.9
1993-94	259,348	$7,233	$2,433	$9,666	$0	$2,433	$9,666	$8,709	$2,929	$11,638	$2,929	$11,638	89.4	126.9	96.6	126.9	96.6
1994-95	256,753	$7,220	$2,637	$9,857	$0	$2,637	$9,857	$8,641	$3,157	$11,798	$3,157	$11,798	88.7	136.8	97.9	136.8	97.9
1995-96	253,545	$7,188	$2,936	$10,124	$0	$2,936	$10,124	$8,431	$3,443	$11,874	$3,443	$11,874	86.5	149.2	98.5	149.2	98.5
1996-97	249,294	$6,220	$3,397	$9,618	$47	$3,350	$9,570	$7,166	$3,913	$11,079	$3,859	$11,025	73.5	169.8	91.9	167.2	91.5
1997-98	248,441	$6,243	$3,703	$9,946	$131	$3,572	$9,815	$7,105	$4,215	$11,320	$4,066	$11,171	72.9	182.6	93.9	176.2	92.7
1998-99	249,984	$6,366	$4,102	$10,469	$219	$3,883	$10,269	$7,195	$4,622	$11,817	$4,375	$11,570	73.8	200.3	98.0	189.6	96.0
1999-00	257,895	$6,361	$4,573	$10,935	$328	$4,245	$10,606	$7,012	$5,041	$12,054	$4,679	$11,692	72.0	218.5	100.0	202.8	97.0
2000-01	263,989	$6,542	$4,818	$11,359	$372	$4,446	$10,987	$7,010	$5,162	$12,172	$4,764	$11,773	71.9	223.7	101.0	206.4	97.7
2001-02	276,278	$6,270	$5,091	$11,362	$398	$4,693	$10,964	$6,578	$5,339	$11,915	$4,922	$11,498	*67.5*	*231.4*	*98.9*	*213.3*	*95.4*
2002-03	298,286	*$6,322*	$5,343	*$11,665*	$422	*$4,921*	*$11,243*	$6,438	$5,440	*$11,878*	$5,011	*$11,449*	*68.1*	*235.8*	*98.5*	*217.2*	*95.0*
2003-04	335,670	*$6,601*	$5,456	*$12,057*				*$6,601*	*$5,456*	*$12,057*			*67.7*	*236.4*	*100.0*		

Notes
numbers in italics are estimates
FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (see Appendix A)
Net Tuition Fees exclude Tuition Set-Aside

Sources
Operating Grants and Tuition Fees: Resource Document, Table 1.1
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities
Tuition Set-Aside: Ministry of Training, Colleges and Universities.

FIGURE 1.2

PROVINCIAL OPERATING GRANTS
AND TUITION FEE REVENUE
PER FTE ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

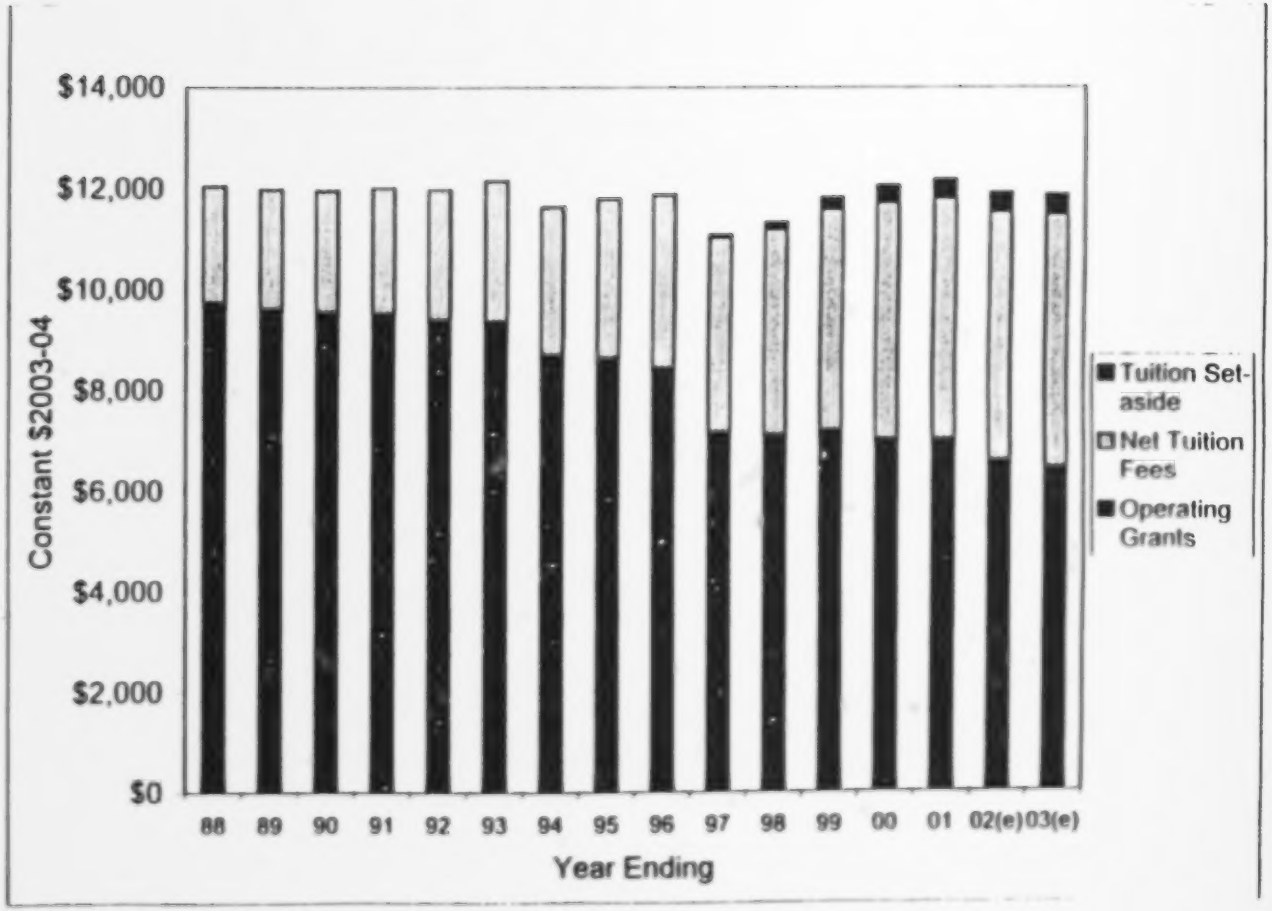


TABLE 1.3

FEDERAL EPF AND CHST SUPPORT OF ONTARIO POST-SECONDARY EDUCATION 1987-88 TO 2003-04

		Tax Transfers Actual $	Cash Transfers Actual $	Total Transfers		
				Actual $	Constant $	Index of Constant $
EPF	1987-88	$1,055,669	$782,037	$1,837,706	$2,732,086	100.0
	1988-89	$1,180,009	$775,937	$1,955,946	$2,792,909	102.2
	1989-90	$1,300,929	$790,246	$2,091,175	$2,834,396	103.7
	1990-91	$1,309,574	$824,862	$2,134,436	$2,753,243	100.8
	1991-92	$1,286,070	$923,867	$2,209,937	$2,741,215	100.3
	1992-93	$1,261,436	$985,040	$2,246,476	$2,739,496	100.3
	1993-94	$1,291,314	$990,153	$2,281,467	$2,746,707	100.5
	1994-95	$1,348,866	$960,344	$2,309,210	$2,763,850	101.2
	1995-96	$1,453,514	$916,014	$2,369,528	$2,779,160	101.7
CHST	* *1996-97*	*$1,562,547*	*$567,037*	*$2,129,584*	*$2,453,217*	*89.8*
	* *1997-98*	*$1,744,033*	*$311,085*	*$2,055,117*	*$2,338,910*	*85.6*
	* *1998-99*	*$1,908,747*	*$242,893*	*$2,151,640*	*$2,424,049*	*88.7*
	* *1999-00*	*$2,098,167*	*$383,243*	*$2,481,409*	*$2,735,342*	*100.1*
	* *2000-01*	*$2,215,984*	*$439,071*	*$2,655,055*	*$2,845,033*	*104.1*
	* *2001-02*	*$2,136,221*	*$772,238*	*$2,908,459*	*$3,050,032*	*111.6*
	* *2002-03*	*$2,113,865*	*$860,380*	*$2,974,245*	*$3,028,502*	*110.8*
	* *2003-04*	*$2,209,712*	*$865,407*	*$3,075,118*	*$3,075,118*	*112.6*

Notes: All figures in $000s.
Constant 2003-04 dollars.
CAP and EPF targeted-funding was replaced by CHST block-funding in 1996-97.

CAP - Canada Assistance Plan - supported Social Welfare.
EPF - Established Programs Financing - supported health and post-secondary education, with specified amounts for each.
CHST - Canada Health and Social Transfer - supports social welfare, health, and post-secondary education, without specified amounts for each.

* CHST funding for Ontario post-secondary education estimated by pro-rating total CHST funding for Ontario according to the same proportions of CAP and EPF funding for Ontario post-secondary education in 1995-96.

Sources: Established Programs Financing, and Canada Health and Social Transfer, Canada Department of Finance, Federal-Provincial Relations Division
2000-01 and before are final entitlements; 2001-02 is the 6th estimate; 2002-03 is the 4th estimate; 2003-04 is the 2nd estimate.
Estimates are by the Federal Department of Finance.

CPI: Statistics Canada.

FIGURE 1.3

FEDERAL EPF AND CHST SUPPORT OF ONTARIO POST-SECONDARY EDUCATION 1987-88 TO 2003-04

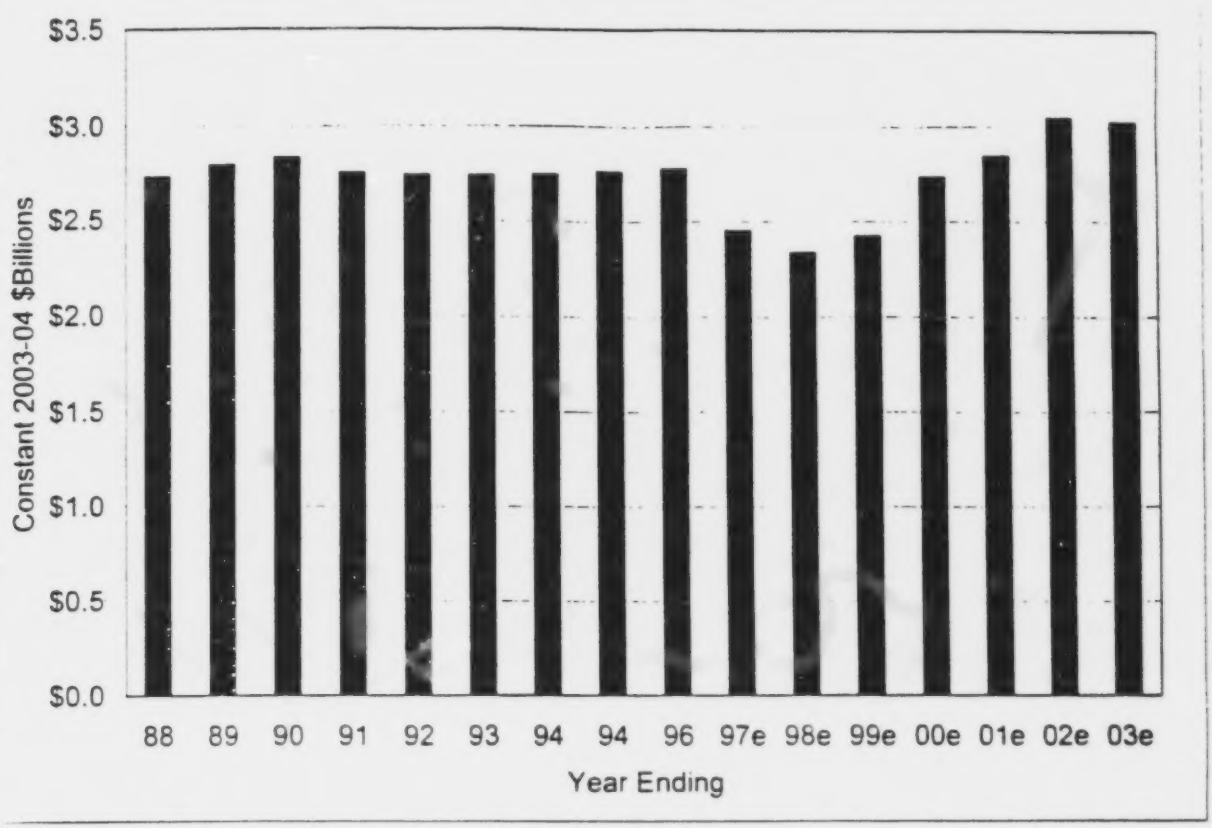


TABLE 1.4

UNIVERSITY OPERATING GRANTS
COMPARED TO TOTAL PROVINCIAL BUDGET
AND GROSS DOMESTIC PRODUCT
ONTARIO
1987-88 TO 2003-04

		University Operating Grants	Total Provincial Budget	Public Debt Interest	Total Prov Budget - Public Debt Interest	Gross Domestic Product
$Millions						
	1987-88	$1,451.6	$34,941.9	$3,771.3	$31,170.6	$226,798
	1988-89	$1,554.9	$38,734.9	$4,032.4	$34,702.5	$253,143
	1989-90	$1,676.9	$41,602.4	$4,284.4	$37,318.0	$276,073
	1990-91	$1,822.8	$46,457.7	$4,313.2	$42,144.5	$277,508
	1991-92	$1,945.1	$51,683.2	$4,196.2	$47,487.0	$281,570
	1992-93	$2,009.1	$53,706.9	$5,293.0	$48,413.9	$285,101
	1993-94	$1,876.0	$53,883.4	$6,959.1	$46,924.3	$291,733
	1994-95	$1,853.6	$56,168.0	$7,832.0	$48,336.0	$309,031
	1995-96	$1,823.1	$58,273.0	$8,475.0	$49,798.0	$327,246
	1996-97	$1,550.7	$56,355.0	$8,607.0	$47,748.0	$335,843
	1997-98	$1,548.8	$56,484.0	$8,729.0	$47,755.0	$359,953
	1998-99	$1,596.5	$57,788.0	$9,016.0	$48,772.0	$378,124
	1999-00	$1,640.6	$61,909.0	$9,497.0	$52,412.0	$410,350
	2000-01	$1,726.9	$61,940.0	$9,416.0	$52,524.0	$438,092
	2001-02	$1,732.4	$63,442.0	*$9,029.0*	*$54,413.0*	$449,780
	2002-03	$1,885.8	*$65,907.0*	*$8,745.0*	*$57,162.0*	*$475,243*
	2003-04	$2,215.7	*$71,039.0*	*$8,655.0*	*$62,384.0*	$499,956
Index						
	1987-88	100.0	100.0	100.0	100.0	100.0
	1988-89	107.1	110.9	106.9	111.3	111.6
	1989-90	115.5	119.1	113.6	119.7	121.7
	1990-91	125.6	133.0	114.4	135.2	122.4
	1991-92	134.0	147.9	111.3	152.3	124.2
	1992-93	138.4	153.7	140.4	155.3	125.7
	1993-94	129.2	154.2	184.5	150.5	128.6
	1994-95	127.7	160.7	207.7	155.1	136.3
	1995-96	125.6	166.8	224.7	159.8	144.3
	1996-97	106.8	161.3	228.2	153.2	148.1
	1997-98	106.7	161.7	231.5	153.2	158.7
	1998-99	110.0	165.4	239.1	156.5	166.7
	1999-00	113.0	177.2	251.8	168.1	180.9
	2000-01	119.0	177.3	249.7	168.5	193.2
	2001-02	119.3	181.6	239.4	174.6	198.3
	2002-03	129.9	188.6	231.9	183.4	209.5
	2003-04	152.6	203.3	229.5	200.1	220.4

Notes

Increase in Provincial Budget in 1995-96 is partly due to losses on loans of $4.09 billion under the *Financial Administration Act*.

Sources

University Operating Grants, Total Provincial Budget, Public Debt Interest:
Public Accounts of Ontario, 1987-88 to 1998-99
Ontario Finances update 1999-00 to 2003-04
http://www.gov.on.ca/FIN/english/finances/2003/ofin031e.pdf
MTCU grant announcements

Gross Domestic Product:
Statistics Canada, CANSIM, 1987-88 to 1998-99
1999/00 - 2003/04 GDP
http://www.gov.on.ca/FIN/english/finances/2003/ofin031e.pdf

FIGURE 1.4

**UNIVERSITY OPERATING GRANTS
COMPARED TO TOTAL PROVINCIAL BUDGET
AND GROSS DOMESTIC PRODUCT
ONTARIO
1987-88 TO 2003-04**

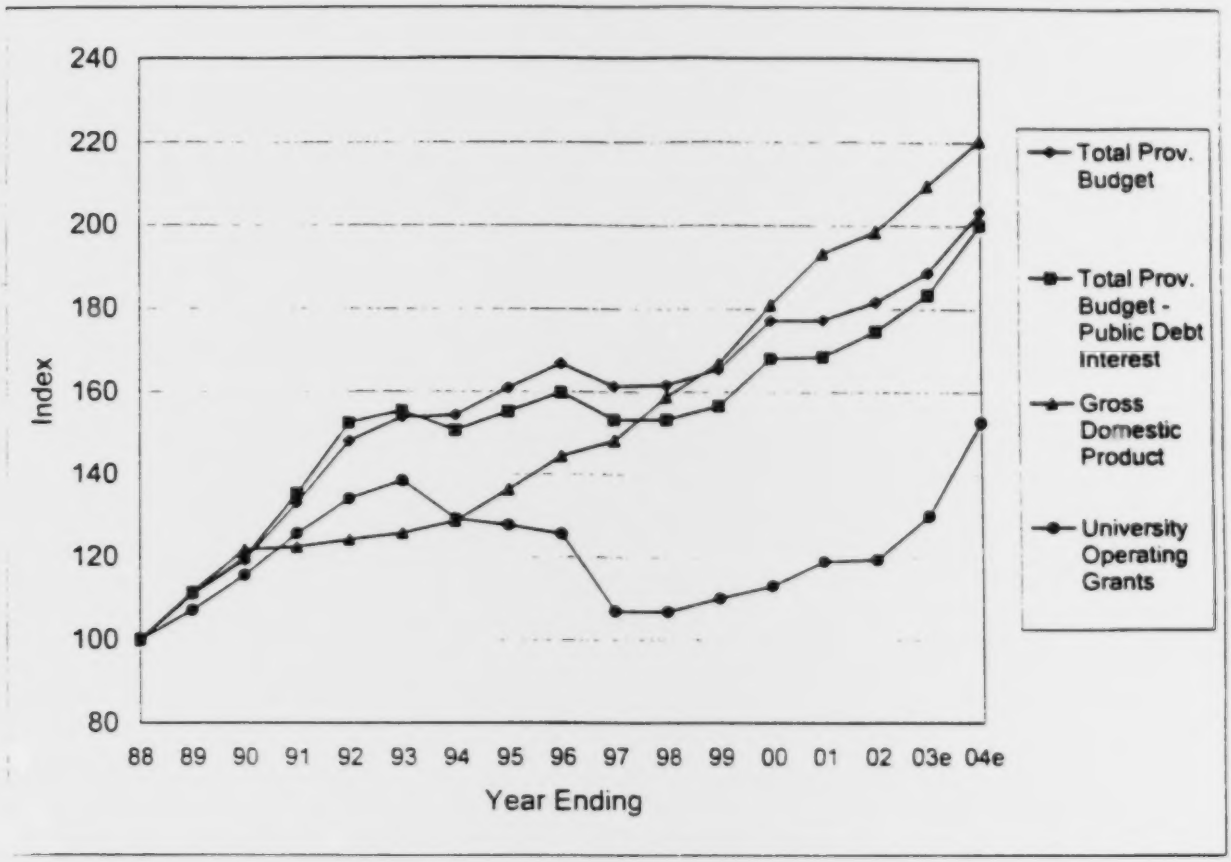


TABLE 1.5

RATIOS OF UNIVERSITY OPERATING GRANTS, TOTAL PROVINCIAL BUDGET AND GROSS DOMESTIC PRODUCT ONTARIO 1987-88 TO 2003-04

	Total Prov. Budget as a Share of Gross Domestic Product		Univ Operating Grants as a Share of Total Prov. Budget		Univ Operating Grants as a Share of Total Prov. Budget - Public Debt Interest		Univ Operating Grants as a Share of Gross Domestic Product	
	%	Index	%	Index	%	Index	%	Index
1987-88	15.4%	100.0	4.15%	100.0	4.66%	100.0	0.640%	100.0
1988-89	15.3%	99.3	4.01%	96.6	4.48%	96.2	0.614%	96.0
1989-90	15.1%	97.8	4.03%	97.0	4.49%	96.5	0.607%	94.9
1990-91	16.7%	108.7	3.92%	94.4	4.33%	92.9	0.657%	102.6
1991-92	18.4%	119.1	3.76%	90.6	4.10%	88.0	0.691%	107.9
1992-93	18.8%	122.3	3.74%	90.0	4.15%	89.1	0.705%	110.1
1993-94	18.5%	119.9	3.48%	83.8	4.00%	85.8	0.643%	100.5
1994-95	18.2%	118.0	3.30%	79.4	3.83%	82.3	0.600%	93.7
1995-96	17.8%	115.6	3.13%	75.3	3.66%	78.6	0.557%	87.0
1996-97	16.8%	108.9	2.75%	66.2	3.25%	69.7	0.462%	72.1
1997-98	15.7%	101.9	2.74%	66.0	3.24%	69.6	0.430%	67.2
1998-99	15.3%	99.2	2.76%	66.5	3.27%	70.3	0.422%	66.0
1999-00	15.1%	97.9	2.65%	63.8	3.13%	67.2	0.400%	62.5
2000-01	14.1%	91.8	2.79%	67.1	3.29%	70.6	0.394%	61.6
2001-02	14.1%	91.6	2.73%	65.7	3.18%	68.4	0.385%	60.2
2002-03	13.9%	90.0	2.86%	68.9	3.30%	70.8	0.397%	62.0
2003-04	14.2%	92.2	3.12%	75.1	3.55%	76.3	0.443%	69.2

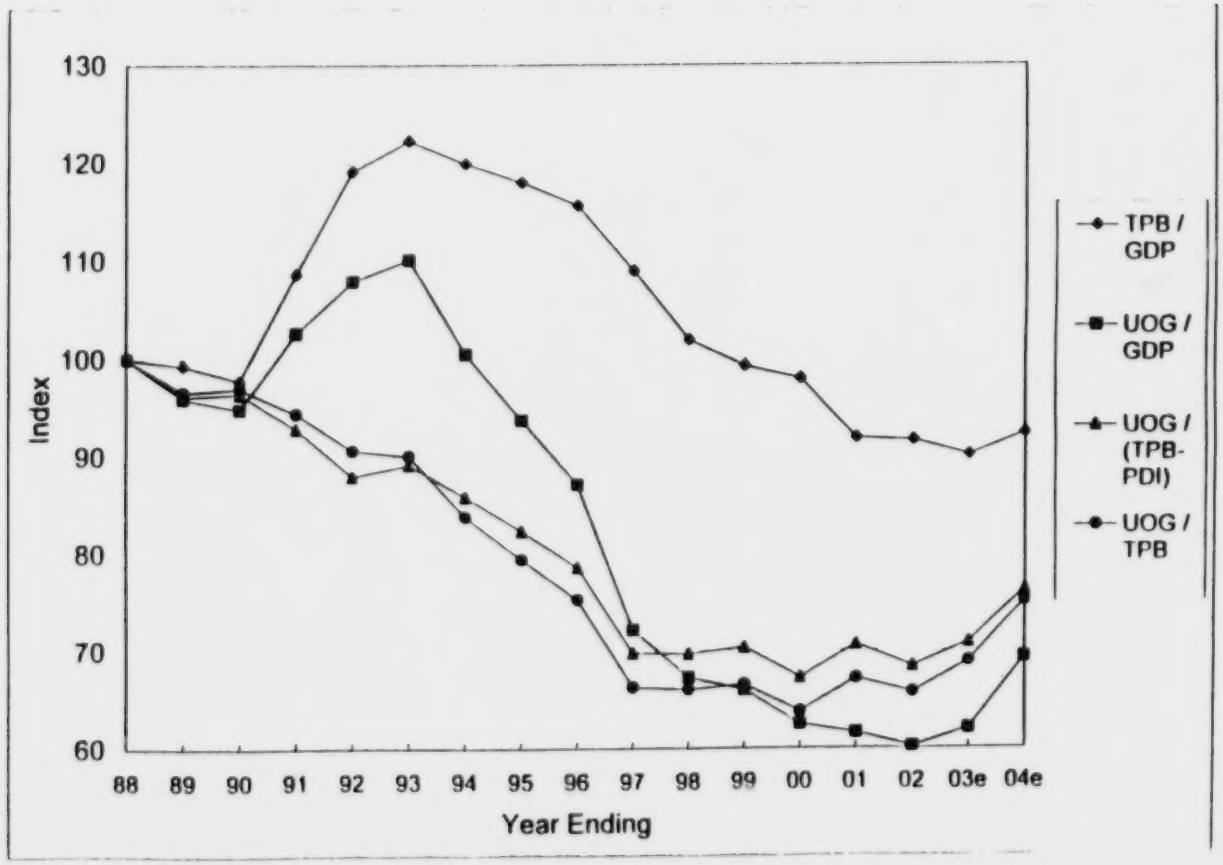
Source: Resource Document, Table 1.4

Funding Needed in 2003-04 to Achieve 1992-93 Share of GDP and Provincial Budget

1992-93 % of GDP	0.705%	1992-93 % of Prov. Budget	3.74%
2003-04 GDP ($ billions)	$499,956	2003-04 Prov. Budget ($ billions)	$71,039
apply to 2003-04 ($ millions)	$3,523	apply to 2003-04 ($ millions)	$2,658
actual 2002-03 ($ millions)	$2,216	actual 2003-04 ($ millions)	$2,216
amount needed to catch up	$1,307 million	amount needed to catch up	$442 million

FIGURE 1.5

RATIOS OF UNIVERSITY OPERATING GRANTS,
TOTAL PROVINCIAL BUDGET
AND GROSS DOMESTIC PRODUCT
ONTARIO
1987-88 TO 2003-04



Legend GPP - Gross Provincial Product; PDI - Public Debt Interest;
TPB - Total Provincial Budget; UOG - University Operating Grants

TABLE 1.6

INCOME FROM FEDERAL GRANTS AND CONTRACTS
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

	Actual $000s	Constant 2002-03 $000s	Index of Constant 2002-03 Dollars
1987-88	$230,938	$337,181	100.0
1988-89	$253,650	$355,700	105.5
1989-90	$269,125	$358,239	106.2
1990-91	$319,665	$404,954	120.1
1991-92	$309,582	$377,127	111.8
1992-93	$338,673	$405,600	120.3
1993-94	$348,314	$411,830	122.1
1994-95	$346,555	$407,354	120.8
1995-96	$346,843	$399,515	118.5
1996-97	$327,377	$370,372	109.8
1997-98	$320,116	$357,794	106.1
1998-99	$367,305	$406,394	120.5
1999-00	$458,865	$496,760	147.3
2000-01	$585,171	$615,808	182.6
2001-02	$668,429	$688,408	204.2
2002-03	$767,949	$767,949	227.8

Notes: Most federal grants and contracts are for research.
Income refers to total expendable income.
Includes affiliated and federated institutions.
Since 2000-01 figure includes funding from the Canadian Foundation for Innovation (CFI)

Source: COFO-UO, Financial Report of Ontario Universities.

FIGURE 1.6

INCOME FROM FEDERAL GRANTS AND CONTRACTS
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

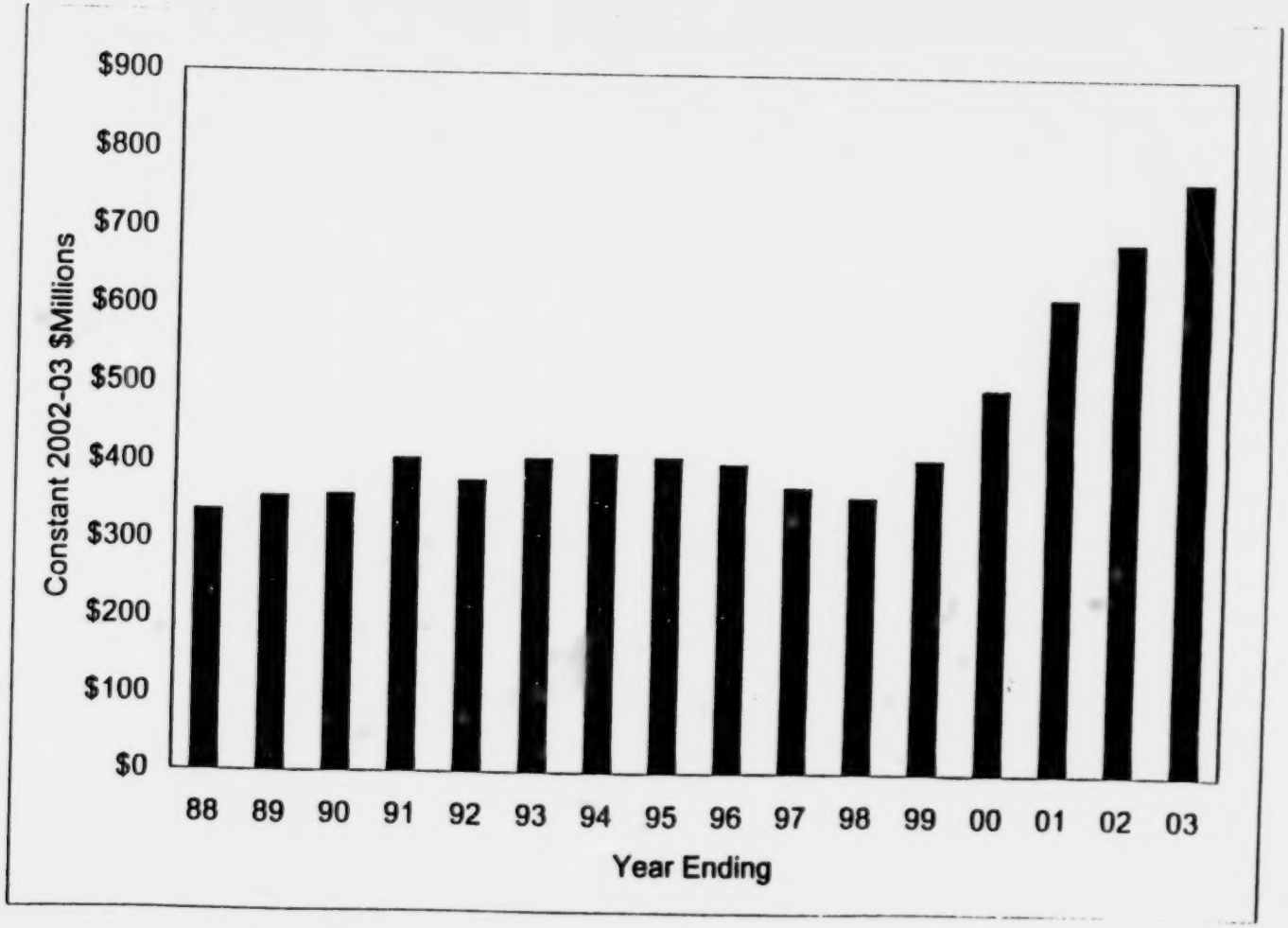


TABLE 1.7

INCOME FROM DONATIONS
AND NON-GOVERNMENT GRANTS AND CONTRACTS
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

	Actual $000s							Constant 2002-03 $000s			Index of Constant 2002-03 Dollars		
	Expendable Donations	Non-Expend Donations	Donations	Expendable Non-Govt Grants & Contracts	Non-Expend Non-Govt Grants & Contracts	Non-Govt Grants & Contracts	Total	Donations	Non-Govt Grants & Contracts	Total	Donations	Non-Govt Grants & Contracts	Total
1987-88	$94,247	$19,826	$114,073	$105,214	$0	$105,214	$219,287	$166,552	$153,618	$320,170	100 0	100 0	100 0
1988-89	$106,724	$16,783	$125,507	$131,324	$680	$132,004	$257,511	$176,002	$185,113	$361,114	105 7	120 5	112 8
1989-90	$125,595	$22,946	$148,541	$114,281	$524	$114,805	$263,346	$197,727	$152,820	$350,547	118 7	99 5	109 5
1990-91	$132,927	$19,192	$152,119	$143,534	$992	$144,526	$296,645	$192,705	$183,087	$375,792	115.7	119 2	117.4
1991-92	$144,803	$33,212	$178,015	$161,932	$0	$161,932	$339,947	$216,855	$197,263	$414,117	130.2	128 4	129 3
1992-93	$131,050	$21,410	$152,460	$155,025	$25	$155,050	$307,510	$182,589	$185,690	$368,279	109 6	120 9	115 0
1993-94	$124,165	$18,547	$142,712	$246,051	$6	$246,057	$388,769	$168,736	$290,926	$459,662	101 3	189 4	143 6
1994-95	$129,143	$25,601	$154,744	$271,072	$7	$264,880	$419,624	$181,892	$311,350	$493,242	109 2	202 7	154 1
1995-96	$154,909	$56,793	$211,702	$252,169	$5	$247,495	$459,197	$243,852	$285,080	$528,932	146 4	185 6	165 2
1996-97	$120,830	$133,639	$254,469	$322,055	$890	$322,945	$577,414	$287,889	$365,358	$653,247	172 9	237 8	204 0
1997-98	$141,710	$126,892	$268,602	$360,746	$1,470	$362,216	$630,818	$300,217	$404,849	$705,066	180 3	263 5	220 2
1998-99	$210,305	$135,341	$345,646	$372,200	$6,121	$370,700	$716,346	$382,430	$410,151	$792,581	229 6	267 0	247 6
1999-00	$234,621	$118,220	$352,841	$397,264	$1,476	$392,022	$744,863	$381,980	$424,397	$806,378	229 3	276 3	251 9
2000-01	$241,671	$123,785	$365,456	$485,188	$158	$479,392	$844,848	$384,590	$504,491	$889,081	230 9	328 4	277 7
2001-02	$242,212	$157,872	$400,084	$474,519	$236	$474,755	$874,839	$412,042	$488,945	$900,987	247 4	318 3	281 4
2002-03	$224,719	$104,174	$328,893	$498,873	$353	$499,226	$820,786	$328,893	$499,226	$828,119	197 5	325 0	258 7

Notes: Total expendable income + non-expendable trust and endowment income
Includes affiliated and federated institutions.
Total Non-Govt Grants and Contracts column has been adjusted to remove the double-counting of affiliates, where applicable

Source: COFO-UO, Financial Report of Ontario Universities

Section 2

Grants and Revenue: Jurisdictional Comparisons

TABLE 2.1

PERCENT OF UNIVERSITY OPERATING INCOME
BY SOURCE OF INCOME
PROVINCIAL COMPARISON
1987-88 TO 2001-02

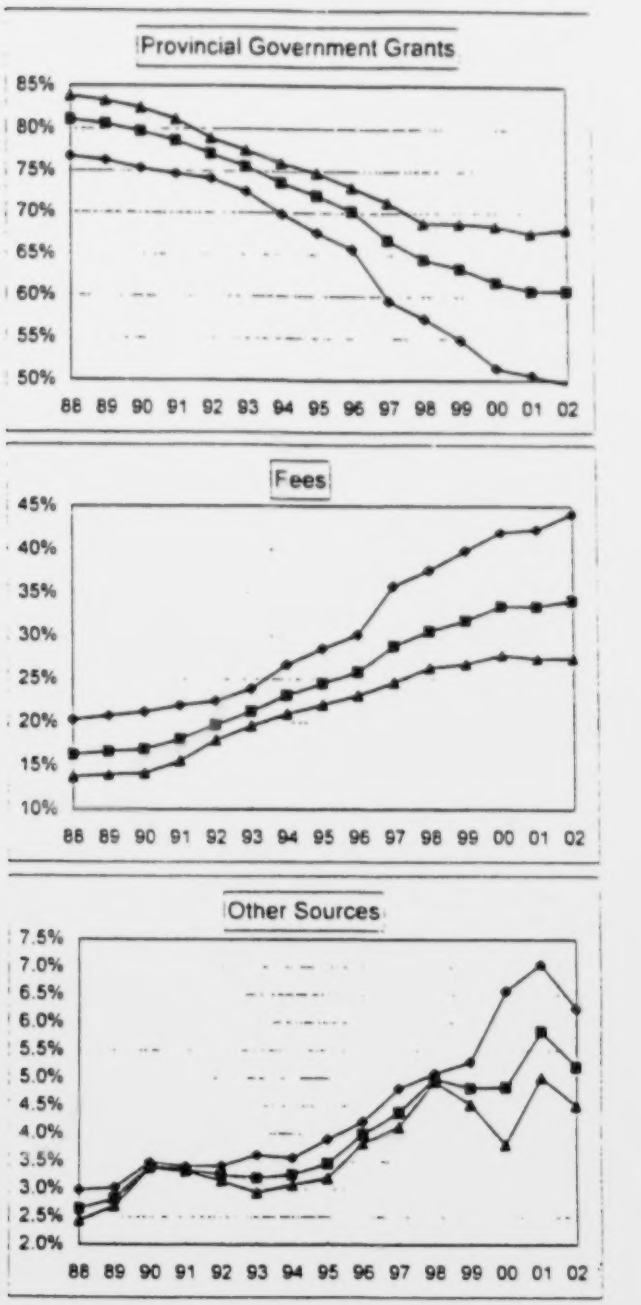
	Nfld	PEI	NS	NB	Que	Man	Sask	Alta	BC	9 Provs	Ontario	Canada
Provincial Government Grants												
1987-88	83.8%	84.6%	75.7%	76.3%	89.3%	82.3%	77.8%	84.2%	77.7%	83.9%	78.7%	81.1%
1988-89	84.3%	84.3%	74.4%	76.9%	88.9%	80.7%	75.7%	84.1%	77.0%	83.3%	78.2%	80.5%
1989-90	83.9%	84.4%	73.3%	76.2%	88.3%	79.7%	75.4%	82.4%	76.0%	82.5%	75.3%	79.7%
1990-91	83.6%	83.8%	72.9%	75.8%	85.6%	78.5%	73.8%	81.4%	77.1%	81.1%	74.7%	78.6%
1991-92	82.7%	80.8%	70.2%	74.0%	82.2%	75.7%	72.8%	80.5%	76.3%	78.9%	74.1%	77.1%
1992-93	82.0%	80.0%	68.6%	71.6%	80.8%	74.5%	70.8%	78.2%	75.9%	77.5%	72.5%	75.6%
1993-94	79.8%	79.0%	66.8%	70.8%	79.4%	73.4%	68.8%	76.2%	74.3%	76.0%	69.8%	73.6%
1994-95	78.9%	78.2%	63.4%	70.4%	79.3%	72.1%	66.8%	72.9%	73.3%	74.8%	67.6%	72.1%
1995-96	77.3%	77.3%	61.3%	69.8%	78.0%	72.3%	64.9%	69.2%	72.0%	73.1%	65.7%	70.2%
1996-97	72.9%	75.5%	57.3%	68.5%	76.6%	72.8%	64.3%	66.9%	70.6%	71.3%	59.4%	66.8%
1997-98	69.3%	71.1%	55.0%	66.9%	74.3%	71.3%	63.6%	63.4%	68.5%	68.8%	57.3%	64.5%
1998-99	67.1%	68.3%	53.9%	64.9%	75.1%	70.9%	63.4%	62.2%	69.5%	68.7%	54.8%	63.4%
1999-00	66.6%	66.2%	52.2%	63.9%	74.5%	69.0%	64.6%	62.2%	69.6%	68.4%	51.5%	61.7%
2000-01	69.0%	63.3%	50.9%	62.3%	74.8%	70.3%	62.7%	59.1%	70.0%	67.6%	50.8%	60.7%
2001-02	71.5%	62.7%	49.9%	60.4%	74.5%	69.4%	61.5%	62.5%	70.7%	68.1%	49.6%	60.7%
01-02 rank	(2)	(5)	(9)	(8)	(1)	(4)	(7)	(6)	(3)		(10)	
Fees												
1987-88	13.8%	14.6%	21.8%	20.4%	8.7%	14.9%	16.4%	14.5%	19.5%	13.7%	20.3%	16.3%
1988-89	13.1%	14.4%	21.8%	21.1%	8.8%	16.6%	16.8%	14.5%	20.5%	14.0%	20.7%	16.6%
1989-90	13.1%	13.8%	22.6%	21.3%	8.6%	17.4%	17.2%	14.6%	20.9%	14.1%	21.2%	16.9%
1990-91	13.6%	14.3%	23.1%	21.8%	11.3%	18.6%	18.3%	15.4%	20.2%	15.5%	21.9%	18.0%
1991-92	15.3%	16.8%	26.0%	23.8%	14.6%	21.3%	19.8%	17.2%	21.1%	17.9%	22.4%	19.7%
1992-93	16.3%	17.8%	27.9%	26.5%	16.1%	23.8%	22.2%	20.0%	21.5%	19.6%	23.8%	21.2%
1993-94	18.3%	19.0%	29.9%	27.5%	17.0%	25.0%	22.5%	22.4%	23.2%	21.0%	26.6%	23.1%
1994-95	19.3%	19.6%	32.9%	27.5%	17.3%	26.3%	24.6%	25.3%	23.6%	22.0%	28.5%	24.5%
1995-96	20.4%	20.2%	35.3%	28.0%	17.7%	25.7%	27.3%	27.8%	24.5%	23.1%	30.1%	25.8%
1996-97	23.8%	22.9%	39.0%	28.9%	18.9%	25.9%	27.3%	30.0%	25.0%	24.6%	35.8%	28.8%
1997-98	27.2%	26.0%	41.7%	30.7%	21.1%	27.0%	29.8%	30.1%	25.2%	26.3%	37.6%	30.6%
1998-99	28.3%	26.8%	42.0%	32.1%	20.6%	27.3%	30.0%	32.4%	25.8%	26.7%	39.9%	31.8%
1999-00	27.6%	29.6%	42.4%	33.1%	21.3%	28.4%	29.8%	31.7%	26.9%	27.8%	42.0%	33.5%
2000-01	26.1%	30.2%	43.4%	34.7%	20.8%	27.5%	30.1%	32.7%	26.4%	27.4%	42.3%	33.5%
2001-02	23.5%	29.7%	44.5%	37.3%	20.4%	27.7%	31.9%	33.6%	25.8%	27.4%	44.1%	34.1%
01-02 rank	(9)	(6)	(1)	(3)	(10)	(7)	(5)	(4)	(8)		(2)	
Other Sources												
1987-88	2.4%	0.8%	2.5%	3.3%	2.1%	2.8%	5.8%	1.3%	2.8%	2.4%	3.0%	2.8%
1988-89	2.5%	1.3%	3.8%	2.1%	2.3%	2.8%	7.5%	1.4%	2.5%	2.7%	3.0%	2.8%
1989-90	3.1%	1.8%	4.1%	2.5%	3.0%	2.9%	7.4%	3.0%	3.1%	3.4%	3.5%	3.4%
1990-91	2.8%	1.9%	4.0%	2.4%	3.1%	2.9%	7.8%	3.2%	2.7%	3.3%	3.4%	3.4%
1991-92	1.9%	2.5%	3.8%	2.1%	3.2%	3.0%	7.4%	2.3%	2.6%	3.2%	3.4%	3.3%
1992-93	1.8%	2.2%	3.5%	1.9%	3.2%	1.8%	7.1%	1.8%	2.6%	2.9%	3.6%	3.2%
1993-94	1.8%	2.0%	3.3%	1.7%	3.6%	1.6%	8.7%	1.4%	2.4%	3.1%	3.6%	3.3%
1994-95	1.8%	2.2%	3.7%	2.1%	3.4%	1.6%	8.6%	1.8%	3.1%	3.2%	3.9%	3.5%
1995-96	2.3%	2.5%	3.3%	2.2%	4.4%	2.0%	7.8%	3.0%	3.5%	3.8%	4.2%	4.0%
1996-97	3.4%	1.6%	3.7%	2.6%	4.5%	1.4%	8.3%	3.1%	4.4%	4.1%	4.8%	4.4%
1997-98	3.5%	3.0%	3.2%	2.4%	4.6%	1.7%	6.6%	6.5%	6.3%	4.9%	5.1%	5.0%
1998-99	4.5%	4.9%	4.1%	3.0%	4.2%	1.8%	6.7%	5.4%	4.6%	4.5%	5.3%	4.8%
1999-00	3.8%	4.1%	5.4%	2.9%	4.1%	2.6%	5.6%	6.1%	3.5%	3.8%	6.6%	4.8%
2000-01	4.9%	6.5%	5.7%	3.0%	4.5%	2.2%	7.2%	8.2%	3.6%	5.0%	7.0%	5.8%
2001-02	4.9%	7.6%	5.5%	2.2%	5.1%	2.9%	6.6%	3.9%	3.5%	4.5%	6.2%	5.2%
01-02 rank	(6)	(1)	(4)	(10)	(5)	(9)	(2)	(7)	(8)		(3)	

Notes
Fees = Credit Courses + Non-Credit Courses + Misc Fees
Other Sources = Municipal Govt Grants + Other Govt Grants + Bequests/Donations/Non-Govt Grants + Sales of Service/Products + Investment Income + Misc Income + Federal Government Grants (SSHRC + Health/Welfare + NSERC + MRC + Other Grants)
Do to an accounting change, Sales of Service/Products was omitted in 1999-00 and 2000-01 to make "income from other sources" more consistent with previous years.
Provincial Government Grants has no sub-categories.
For each province and year, percentages add to 100 across the three categories of income source.

Source
Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges

FIGURE 2.1

PERCENT OF UNIVERSITY OPERATING INCOME
BY SOURCE OF INCOME
PROVINCIAL COMPARISON
1987-88 TO 2001-02



X-Axes Year Ending
Y-Axes Percent of University Operating Income
Legend Diamond - Ontario; Square - Canada; Triangle - 9 Provinces

TABLE 2.2

PERCENT OF TOTAL UNIVERSITY INCOME
BY SOURCE OF INCOME
PROVINCIAL COMPARISON
1987-88 TO 2001-02

	Nfld	PEI	NS	NB	Que	Man	Sask	Alta	BC	9 Provs	Ontario	Canada
Federal Government Grants												
1987-88	6.6%	2.6%	8.8%	6.0%	9.1%	9.1%	8.4%	7.4%	10.7%	8.7%	8.1%	8.5%
1988-89	15.1%	3.2%	10.2%	6.7%	9.6%	7.7%	10.8%	9.4%	7.4%	9.5%	7.7%	8.8%
1989-90	11.6%	2.8%	10.9%	6.6%	9.5%	7.8%	10.0%	7.9%	7.7%	9.1%	7.8%	8.6%
1990-91	10.4%	2.6%	13.0%	6.5%	10.0%	8.5%	9.1%	8.4%	8.7%	10.0%	8.5%	9.4%
1991-92	9.6%	4.0%	12.5%	6.3%	9.6%	7.6%	8.5%	9.4%	8.5%	9.7%	7.6%	8.9%
1992-93	12.4%	3.6%	11.2%	6.5%	9.1%	8.0%	8.4%	10.2%	8.4%	9.6%	8.0%	8.9%
1993-94	11.7%	2.5%	9.3%	6.1%	9.3%	8.2%	7.8%	9.9%	8.2%	9.3%	8.2%	8.8%
1994-95	10.5%	2.0%	9.5%	7.5%	8.9%	8.0%	8.3%	9.9%	9.5%	9.3%	8.0%	8.8%
1995-96	9.3%	1.7%	8.8%	6.7%	8.8%	7.9%	7.0%	8.2%	10.5%	8.8%	7.9%	8.5%
1996-97	9.3%	2.0%	9.3%	5.2%	8.8%	7.7%	7.7%	8.2%	10.0%	8.6%	7.7%	8.3%
1997-98	10.7%	2.8%	6.8%	5.3%	8.1%	7.1%	7.8%	6.5%	8.6%	7.6%	7.1%	7.6%
1998-99	10.9%	4.3%	6.4%	5.0%	9.6%	7.7%	7.8%	7.8%	8.6%	8.7%	7.7%	8.3%
1999-00	10.6%	2.8%	8.3%	6.3%	11.0%	7.9%	8.1%	9.9%	9.6%	9.8%	7.9%	9.0%
2000-01	11.3%	5.9%	8.1%	6.7%	12.2%	9.8%	8.8%	10.4%	9.5%	10.4%	9.8%	10.2%
2001-02	8.8%	4.6%	8.7%	7.2%	13.2%	10.6%	8.5%	11.9%	12.2%	11.6%	10.6%	11.2%
01-02 Rank	(6)	(10)	(7)	(9)	(1)	(4)	(8)	(3)	(2)		(4)	
Provincial Government Grants												
1987-88	72.3%	74.4%	53.0%	60.4%	71.1%	63.3%	64.5%	65.0%	55.3%	65.1%	56.7%	61.9%
1988-89	65.3%	71.3%	52.5%	59.0%	69.8%	59.7%	62.2%	64.8%	56.3%	63.9%	56.3%	60.9%
1989-90	67.4%	63.7%	51.4%	56.4%	67.8%	59.6%	65.9%	64.5%	55.2%	63.0%	55.7%	60.2%
1990-91	67.8%	70.9%	49.8%	57.0%	67.2%	59.3%	63.0%	61.7%	55.0%	62.0%	53.7%	58.8%
1991-92	66.4%	69.8%	48.4%	56.0%	63.0%	58.1%	56.8%	61.8%	55.4%	59.7%	55.1%	57.9%
1992-93	64.9%	68.2%	48.0%	54.7%	62.2%	57.9%	54.8%	58.7%	53.6%	58.5%	54.0%	56.7%
1993-94	60.7%	70.1%	47.2%	54.9%	62.4%	56.4%	53.4%	56.0%	52.6%	57.6%	50.1%	54.7%
1994-95	62.0%	68.3%	44.5%	52.4%	63.9%	54.3%	52.4%	52.6%	51.2%	57.0%	48.7%	53.8%
1995-96	61.5%	65.0%	43.2%	52.9%	63.1%	53.2%	51.1%	48.4%	51.0%	55.6%	46.9%	52.3%
1996-97	55.3%	64.7%	39.1%	50.6%	61.8%	56.2%	49.1%	47.4%	48.8%	53.8%	42.0%	49.4%
1997-98	52.6%	59.2%	39.0%	49.7%	59.0%	53.3%	48.6%	46.8%	46.1%	51.6%	40.0%	47.1%
1998-99	52.2%	58.2%	38.5%	48.0%	57.1%	54.1%	48.7%	47.2%	45.7%	50.9%	38.8%	46.2%
1999-00	50.9%	52.3%	34.0%	46.5%	53.7%	51.4%	47.9%	46.2%	43.7%	48.3%	41.1%	45.4%
2000-01	51.3%	49.4%	34.5%	46.7%	53.5%	49.8%	50.3%	42.8%	44.5%	48.0%	37.6%	43.9%
2001-02	54.1%	48.2%	33.0%	44.4%	52.3%	50.3%	46.9%	44.1%	44.7%	47.5%	35.9%	43.1%
01-02 Rank	(1)	(4)	(10)	(7)	(2)	(3)	(5)	(8)	(6)		(9)	

Fees

1987-88	10.4%	10.2%	14.9%	14.5%	6.0%	10.3%	10.8%	8.7%	12.6%	9.2%	13.8%	11.0%
1988-89	9.7%	12.1%	14.8%	14.6%	6.1%	11.1%	11.0%	8.7%	12.9%	9.3%	13.3%	10.9%
1989-90	10.3%	10.3%	15.4%	15.0%	6.0%	11.8%	10.2%	9.0%	13.1%	9.5%	14.1%	11.3%
1990-91	10.8%	12.0%	15.1%	15.7%	7.8%	12.3%	11.1%	9.7%	12.4%	10.3%	14.6%	12.0%
1991-92	11.9%	14.4%	17.0%	16.9%	9.9%	14.3%	14.0%	11.2%	12.7%	12.0%	14.8%	13.1%
1992-93	12.2%	15.1%	18.5%	18.7%	10.9%	16.3%	15.6%	12.8%	13.5%	13.1%	16.0%	14.2%
1993-94	13.7%	16.4%	20.4%	19.4%	11.6%	17.5%	15.6%	14.4%	14.5%	14.1%	17.2%	15.3%
1994-95	14.8%	16.7%	22.4%	19.3%	11.6%	18.1%	16.4%	16.2%	14.0%	14.5%	18.4%	16.0%
1995-96	15.4%	15.7%	24.2%	18.9%	11.8%	17.2%	16.4%	17.4%	14.9%	15.1%	19.6%	16.8%
1996-97	17.8%	19.1%	25.5%	20.6%	12.4%	17.9%	16.4%	18.8%	15.2%	15.9%	23.1%	18.6%
1997-98	20.4%	21.1%	28.2%	21.6%	13.6%	18.3%	16.9%	18.5%	16.0%	16.9%	23.7%	19.6%
1998-99	21.6%	21.9%	28.5%	22.5%	13.1%	18.2%	16.6%	19.6%	16.4%	17.1%	25.4%	20.3%
1999-00	20.0%	22.3%	25.5%	22.4%	11.9%	17.9%	15.7%	17.3%	16.2%	15.9%	24.1%	19.2%
2000-01	18.9%	22.3%	26.7%	23.4%	11.3%	16.1%	14.8%	18.1%	15.9%	15.6%	25.1%	19.3%
2001-02	17.2%	21.3%	28.3%	25.4%	10.9%	17.7%	16.2%	17.9%	15.1%	15.5%	26.3%	19.6%
01-02 Rank	(5)	(4)	(1)	(3)	(10)	(7)	(9)	(6)	(8)		(2)	

Other Sources

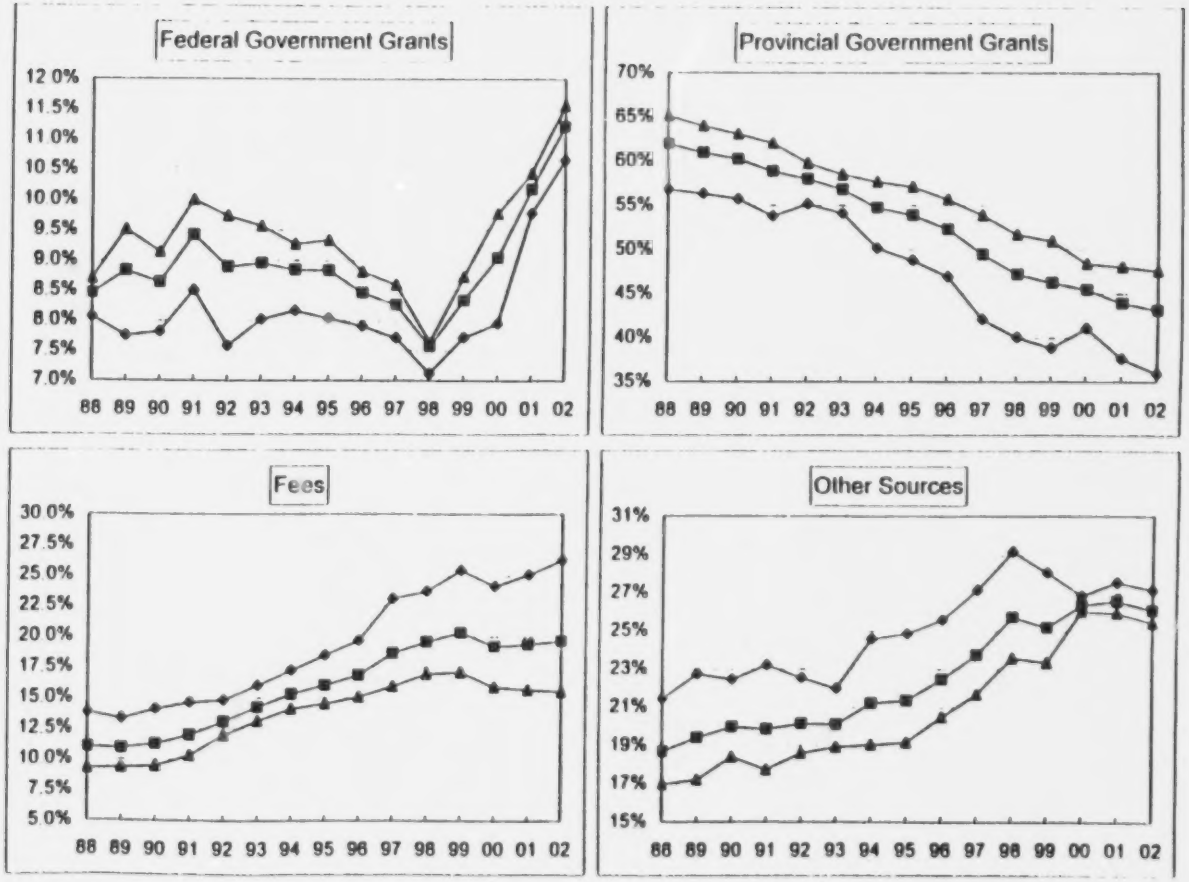
1987-88	10.8%	12.8%	23.3%	19.1%	13.8%	17.3%	16.3%	18.9%	21.4%	17.0%	21.4%	18.7%
1988-89	9.9%	13.4%	22.5%	19.7%	14.5%	18.4%	17.3%	19.1%	20.1%	17.2%	22.7%	19.4%
1989-90	10.7%	23.2%	22.4%	21.9%	16.7%	18.7%	16.0%	18.8%	22.0%	18.4%	22.4%	20.0%
1990-91	11.0%	14.5%	22.0%	20.8%	15.0%	19.2%	17.6%	19.9%	20.7%	17.7%	23.2%	19.8%
1991-92	12.1%	11.7%	22.2%	20.8%	17.4%	19.1%	19.7%	18.6%	20.4%	18.6%	22.5%	20.1%
1992-93	10.5%	13.1%	22.3%	20.1%	17.8%	17.4%	19.4%	20.1%	21.4%	18.9%	22.0%	20.1%
1993-94	13.8%	11.0%	23.1%	19.6%	16.8%	18.3%	21.1%	21.4%	21.9%	19.0%	24.6%	21.2%
1994-95	12.7%	13.0%	23.7%	20.9%	15.6%	19.3%	21.2%	21.6%	24.0%	19.2%	24.8%	21.3%
1995-96	13.7%	17.6%	23.8%	21.5%	16.3%	22.5%	24.4%	23.7%	25.1%	20.5%	25.6%	22.4%
1996-97	17.6%	14.2%	26.2%	23.6%	17.1%	18.2%	26.3%	23.7%	27.9%	21.7%	27.2%	23.7%
1997-98	16.2%	16.8%	26.0%	23.5%	19.3%	20.7%	28.0%	26.2%	29.9%	23.6%	29.2%	25.7%
1998-99	15.3%	15.6%	26.6%	24.5%	20.2%	19.8%	26.8%	24.7%	28.6%	23.3%	28.1%	25.2%
1999-00	18.4%	22.6%	32.2%	24.8%	23.5%	22.5%	26.5%	27.0%	30.8%	26.0%	26.9%	26.4%
2000-01	18.5%	22.5%	30.7%	23.2%	22.9%	25.3%	24.6%	29.6%	29.8%	25.9%	27.6%	26.6%
2001-02	19.9%	25.9%	29.9%	23.0%	23.7%	23.5%	25.0%	25.8%	29.4%	25.4%	27.2%	26.1%
01-02 Rank	(10)	(9)	(1)	(7)	(8)	(5)	(6)	(3)	(2)		(4)	

Notes: Total Income = General Operating + Special Purpose/Trust + Sponsored Research + Ancillary Enterprises + Plant.
Federal Government Grants = SSHRC + Health/Welfare + NSERC + MRC + Other Grants.
Fees = Credit Courses + Non-Credit Courses + Misc Fees.
Other Sources = Municipal Govt Grants + Other Govt Grants + Bequests/Donations/Non-Govt Grants.
Provincial Government Grants has no sub-categories.
For each province and year, percentages add to 100 across the four categories of income source.

Source: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges.

FIGURE 2.2

PERCENT OF TOTAL UNIVERSITY INCOME
BY SOURCE OF INCOME
PROVINCIAL COMPARISON
1987-88 TO 2001-02



X-Axes Year Ending
Y-Axes Percent of Total University Income
Legend Diamond - Ontario; Square - Canada; Triangle - 9 Provinces

TABLE 2.3

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER FTE ENROLMENT
PROVINCIAL COMPARISON
1988-89 TO 2001-02

		1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
Nfld	Actual $	$8,233	$8,668	$8,642	$8,390	$8,996	$8,719	$8,879	$8,400	$8,201	$8,018	$7,815	$8,418	$8,764	$9,569
	Rank	(1)	(1)	(1)	(2)	(1)	(1)	(1)	(2)	(2)	(2)	(4)	(2)	(2)	(1)
PEI	Actual $	$7,771	$8,083	$8,219	$8,008	$7,907	$7,919	$7,927	$8,318	$8,960	$7,885	$7,933	$7,592	$7,388	$7,821
	Rank	(2)	(2)	(3)	(4)	(5)	(4)	(4)	(4)	(1)	(4)	(2)	(6)	(6)	(6)
NS	Actual $	$6,276	$6,305	$6,494	$6,224	$6,132	$6,039	$5,818	$5,787	$5,375	$5,326	$5,606	$5,917	$6,061	$6,146
	Rank	(9)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(9)	(10)	(9)
NB	Actual $	$6,664	$6,908	$7,162	$6,861	$6,534	$6,593	$6,630	$6,733	$6,995	$7,127	$7,042	$7,386	$7,324	$7,249
	Rank	(7)	(8)	(8)	(9)	(9)	(9)	(8)	(7)	(6)	(6)	(7)	(7)	(7)	(8)
Que	Actual $	$7,340	$7,827	$8,270	$8,443	$8,427	$8,390	$8,593	$8,386	$7,941	$7,504	$7,803	$7,867	$8,163	$8,704
	Rank	(4)	(3)	(2)	(1)	(2)	(3)	(3)	(3)	(4)	(5)	(5)	(4)	(4)	(3)
Man	Actual $	$7,150	$7,483	$7,666	$7,579	$7,681	$7,732	$7,051	$7,698	$7,938	$8,188	$8,537	$8,983	$9,193	$9,186
	Rank	(5)	(5)	(5)	(6)	(6)	(6)	(6)	(5)	(5)	(1)	(1)	(1)	(1)	(2)
Sask	Actual $	$7,011	$7,215	$7,194	$7,528	$7,225	$7,110	$6,849	$6,748	$6,946	$6,755	$7,135	$7,606	$7,838	$8,266
	Rank	(6)	(6)	(7)	(7)	(7)	(7)	(7)	(6)	(7)	(7)	(6)	(5)	(5)	(5)
Alta	Actual $	$7,364	$7,493	$7,605	$7,859	$7,942	$7,782	$7,190	$6,698	$6,527	$6,744	$6,740	$6,957	$7,094	$7,493
	Rank	(3)	(4)	(6)	(5)	(4)	(5)	(5)	(8)	(8)	(8)	(8)	(8)	(8)	(7)
BC	Actual $	$6,439	$7,076	$7,863	$8,197	$8,383	$8,426	$8,630	$8,468	$8,076	$8,002	$7,914	$7,958	$8,319	$8,530
	Rank	(8)	(7)	(4)	(3)	(3)	(2)	(2)	(1)	(3)	(3)	(3)	(3)	(3)	(4)
9 Provs	Actual $	$7,119	$7,503	$7,867	$7,998	$8,019	$7,970	$7,945	$7,779	$7,503	$7,330	$7,489	$7,652	$7,906	$8,279
Diff from Ont	Actual $	$848	$1,029	$1,095	$1,049	$1,005	$1,345	$1,389	$1,173	$1,677	$1,477	$1,562	$1,731	$1,826	$2,261
Ont	Actual $	$6,271	$6,474	$6,772	$6,949	$7,014	$6,625	$6,556	$6,606	$5,826	$5,853	$5,928	$5,901	$6,079	$6,018
	Rank	(10)	(9)	(9)	(8)	(8)	(8)	(9)	(9)	(9)	(9)	(9)	(10)	(9)	(10)
Canada	Actual $	$6,816	$7,133	$7,470	$7,617	$7,656	$7,489	$7,450	$7,363	$6,915	$6,812	$6,943	$7,031	$7,257	$7,472
Diff from Ont	Actual $	$544	$659	$699	$668	$642	$864	$894	$757	$1,089	$960	$1,016	$1,129	$1,178	$1,454

Notes:
Corresponding Figure 2.3 displays constant 2001-02 dollars, not actual dollars.

Sources:
Operating Grants:
To 1989-90: Interprovincial Comparisons of University Financing, Tripartite (MET, COU, OCUA) Committee on Interprovincial Comparisons, April 1992, Last Tripartite report.
1990-91 onwards: The year-to-year percentage changes in provincial operating grants contained in the Financial Reports of the Canadian Association of University Business Officers were used to estimate provincial operating grants for the purposes of this interprovincial comparison. See Appendix B for a more complete description and example of the methodology. The 2000-01 and 2001-02 estimated percentage changes were obtained from the Public Accounts and Expenditure Estimates of Ontario, and, for other provinces, from the Association of Universities and Colleges of Canada (AUCC).
Enrolment:
To 1989-90: Interprovincial Comparisons of University Financing, Tripartite (MET, COU, OCUA) Committee on Interprovincial Comparisons, April 1992, Last Tripartite report.
1990-91 onwards: The year-to-year percentage changes in FTE enrolment provided by Statistics Canada were used to estimate FTE enrolment for the purposes of this interprovincial comparison. See Appendix B for a more complete description and example of the methodology. 1999-00 to 2001-02 data were obtained from AUCC.

Amount to attain level of other 9 provinces in 2001-02:

Using numbers based on the Tripartite Committee

	FTE	Ont Grant per FTE	9 Prov Grant per FTE	Provincial Operating Grant Income	Provincial Operating Grant Income at 9 Province Funding	Amount Needed for Ontario to Catch Up
Ontario	285,855	$6,018		$1,720,279,639	$2,366,490,080	$646,210,440
9 Prov	515,742		$8,279			

FIGURE 2.3

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER FTE ENROLMENT
PROVINCIAL COMPARISON
1988-89 TO 2001-02

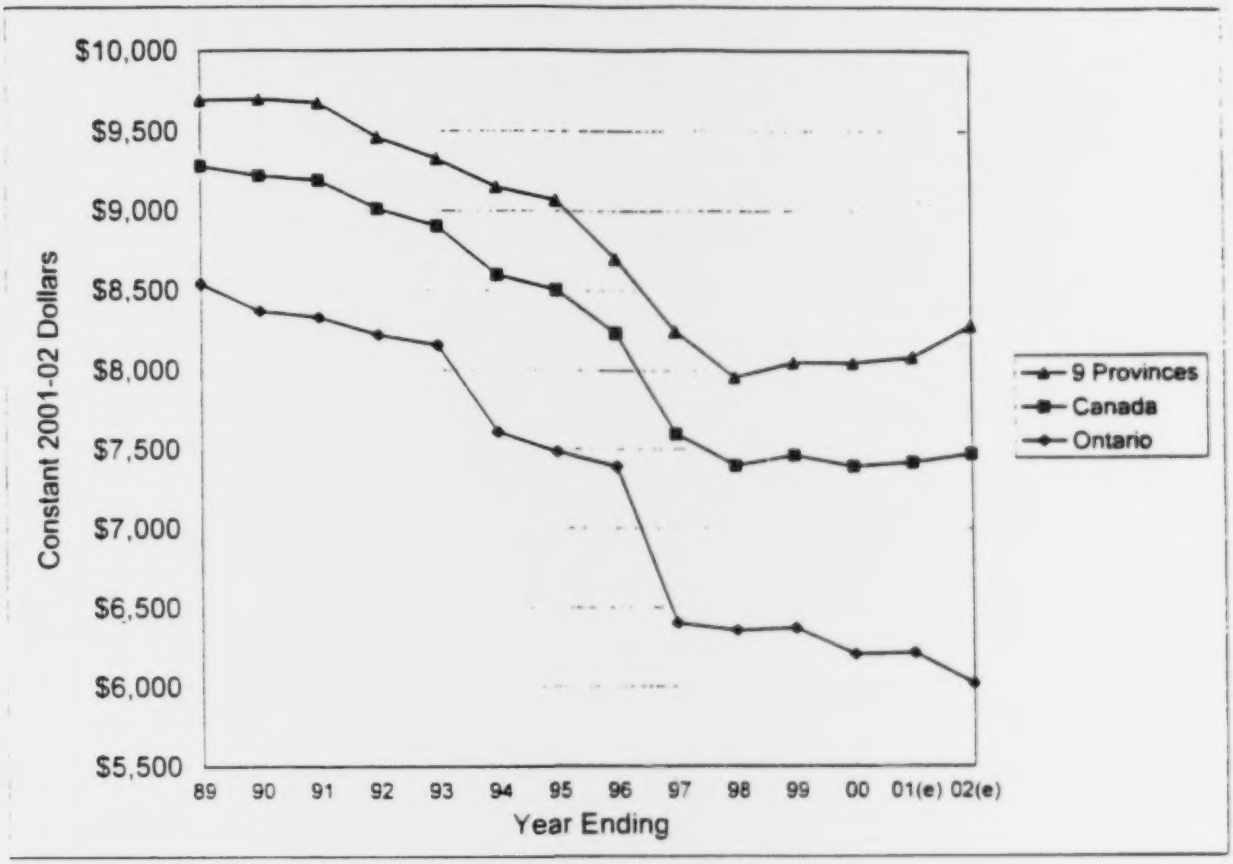


TABLE 2.4

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER CAPITA
PROVINCIAL COMPARISON
1988-89 TO 2002-03

		1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
Nfld	Actual $	$185.53	$200.03	$213.94	$213.77	$233.27	$222.02	$228.46	$218.17	$212.09	$207.83	$205.39	$221.78	$234.87	*$258.66*	*$272.22*
	Rank	(3)	(3)	(2)	(3)	(2)	(2)	(2)	(2)	(2)	(1)	(2)	(1)	(1)	*(1)*	*(1)*
PEI	Actual $	$170.99	$185.54	$203.89	$206.11	$209.98	$202.82	$187.22	$184.02	$186.47	$173.74	$174.57	$173.96	$178.57	*$189.29*	*$191.13*
	Rank	(5)	(5)	(4)	(4)	(4)	(4)	(5)	(6)	(6)	(6)	(6)	(8)	(9)	*(9)*	*(9)*
NS	Actual $	$191.54	$201.55	$212.32	$214.56	$215.53	$214.18	$204.06	$200.68	$186.92	$185.51	$195.00	$199.43	$202.23	*$212.50*	*$205.83*
	Rank	(2)	(2)	(3)	(2)	(3)	(3)	(3)	(4)	(5)	(5)	(5)	(5)	(5)	*(4)*	*(5)*
NB	Actual $	$167.59	$179.24	$192.30	$196.09	$195.62	$200.34	$200.73	$202.62	$203.47	$201.18	$199.52	$200.76	$203.27	*$208.45*	*$211.04*
	Rank	(7)	(7)	(6)	(6)	(6)	(5)	(4)	(3)	(3)	(3)	(3)	(4)	(4)	*(5)*	*(4)*
Que	Actual $	$207.23	$222.99	$237.19	$248.00	$254.56	$253.67	$252.80	$240.16	$223.05	$207.54	$218.05	$217.86	$230.14	*$251.26*	*$263.17*
	Rank	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(1)	(2)	(2)	*(2)*	*(2)*
Man	Actual $	$169.88	$180.10	$186.78	$192.07	$194.95	$192.62	$185.50	$188.25	$193.45	$190.62	$197.44	$206.59	$218.14	*$229.68*	*$229.04*
	Rank	(6)	(6)	(7)	(7)	(7)	(7)	(6)	(5)	(4)	(4)	(4)	(3)	(3)	*(3)*	*(3)*
Sask	Actual $	$149.00	$158.92	$166.27	$180.04	$176.90	$172.12	$165.23	$164.74	$167.92	$164.01	$171.77	$184.43	$191.21	*$204.90*	*$205.23*
	Rank	(9)	(8)	(9)	(8)	(9)	(8)	(9)	(9)	(8)	(9)	(7)	(6)	(6)	*(6)*	*(6)*
Alta	Actual $	$184.49	$192.10	$195.08	$198.91	$204.34	$199.89	$180.48	$169.78	$166.09	$168.81	$167.84	$180.27	$185.45	*$202.15*	*$204.18*
	Rank	(4)	(4)	(5)	(5)	(5)	(6)	(7)	(8)	(9)	(7)	(9)	(7)	(7)	*(7)*	*(7)*
BC	Actual $	$124.73	$141.67	$159.64	$172.68	$174.99	$171.93	$177.63	$175.76	$170.09	$168.68	$168.27	$189.76	$181.27	*$194.86*	*$193.35*
	Rank	(10)	(10)	(10)	(10)	(10)	(9)	(8)	(7)	(7)	(8)	(8)	(9)	(8)	*(8)*	*(8)*
9 Provs	Actual $	$179.12	$192.59	$204.65	$213.39	$217.81	$215.30	$211.80	$204.26	$195.26	$188.37	$193.31	$197.32	$207.08	*$223.84*	*$228.33*
Diff from Ont	Actual $	$28.60	$35.03	$36.96	$35.74	$37.56	$48.21	$50.07	$45.19	$59.10	$54.02	$58.02	$60.25	$64.18	*$77.70*	*$71.27*
Ont	Actual $	$150.52	$157.56	$167.69	$177.65	$180.26	$167.09	$161.73	$159.07	$136.16	$134.36	$135.29	$137.08	$142.92	*$146.94*	*$157.06*
	Rank	(8)	(9)	(8)	(9)	(8)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	*(10)*	*(10)*
Canada	Actual $	$188.58	$179.56	$190.85	$200.05	$203.78	$197.29	$193.06	$187.33	$173.08	$168.03	$171.38	$174.46	$182.88	*$193.98*	*$201.02*
Diff from Ont	Actual $	$18.05	$22.00	$23.16	$22.40	$23.52	$30.19	$31.34	$28.25	$36.91	$33.68	$36.09	$37.39	$39.76	*$48.04*	*$43.96*

Notes:
Corresponding Figure 2.4 displays constant 2001-02 dollars, not actual dollars.

Sources:
Operating Grants:
To 1989-90: Interprovincial Comparisons of University Financing. Tripartite (MET, COU, OCUA) Committee on Interprovincial Comparisons. April 1992. Last Tripartite report.
1990-91 onwards: The year-to-year percentage changes in provincial operating grants contained in the Financial Reports of the Canadian Association of University Business Officers (CAUBO) were used to estimate provincial operating grants for the purposes of this interprovincial comparison. See Appendix B for a more complete description and example of the methodology. The 2000-01 and 2001-02 estimated percentage changes were obtained from the Public Accounts and Expenditure Estimates of Ontario, and, for other provinces, from the Association of Universities and Colleges of Canada (AUCC).
Population:
Statistics Canada
Per capita means per unit of population.

Amount to attain level of other 9 provinces (2002-03):

	Pop (000)	Ont Grant per capita	9 Prov Grant per capita	Provincial Operating Grant Income (000)	Provincial Operating Grant Income at 9 Province Funding (000)	Amount needed for Ontario to catch up (000)
Ontario	11,923	$157.06		$1,872,628	$2,722,322	$849,694
9 Prov	19,195		$228.33			

FIGURE 2.4

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER CAPITA
PROVINCIAL COMPARISON
1988-89 TO 2002-03

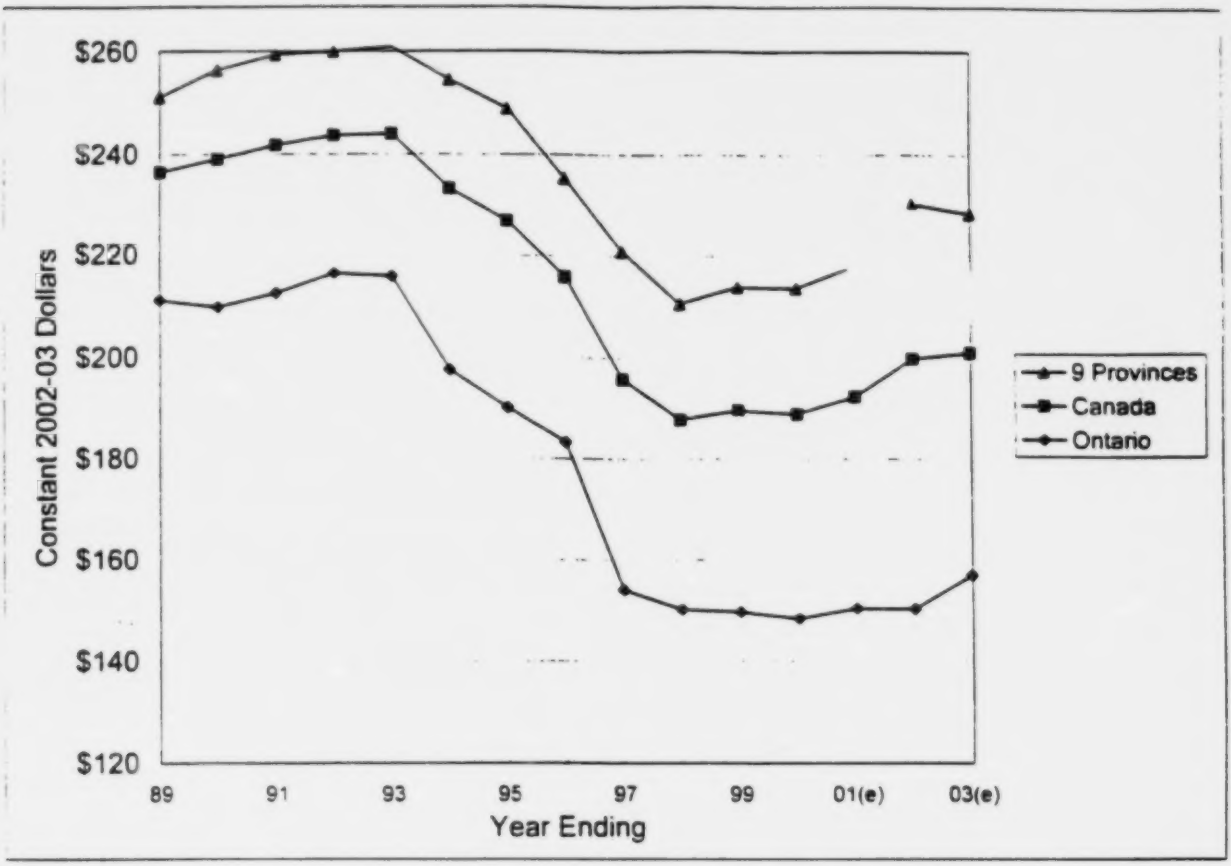


TABLE 2.5

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER $1000 OF TOTAL PROVINCIAL PERSONAL INCOME
PROVINCIAL COMPARISON
1988-89 TO 2002-03

		1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
Nfld	Actual $	13.28	13.36	13.25	13.28	14.20	13.24	13.22	12.23	11.92	11.56	10.94	11.28	11.37	12.03	12.09
	Rank	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
PEI	Actual $	11.86	12.30	12.63	11.76	11.79	11.02	10.27	9.76	9.87	9.04	8.79	8.41	8.18	8.43	8.04
	Rank	(3)	(2)	(2)	(3)	(3)	(4)	(5)	(5)	(4)	(4)	(5)	(7)	(7)	(7)	(7)
NS	Actual $	12.21	12.08	11.97	11.41	11.22	11.05	10.46	10.07	9.37	8.98	8.99	8.78	8.49	8.86	8.21
	Rank	(2)	(3)	(3)	(4)	(4)	(3)	(4)	(4)	(5)	(5)	(4)	(4)	(6)	(6)	(6)
NB	Actual $	11.30	11.38	11.55	11.15	10.80	10.88	10.68	10.40	10.33	10.03	9.48	9.11	8.81	8.70	8.60
	Rank	(5)	(5)	(5)	(5)	(5)	(5)	(3)	(3)	(3)	(2)	(3)	(3)	(3)	(5)	(5)
Que	Actual $	11.77	11.91	11.89	12.46	12.62	12.37	12.21	11.29	10.33	9.40	9.55	9.18	9.07	9.55	9.69
	Rank	(4)	(4)	(4)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(2)	(2)	(2)	(2)	(2)
Man	Actual $	10.06	10.06	9.80	9.85	9.82	9.71	9.14	8.97	8.96	8.63	8.57	8.76	8.79	8.97	8.73
	Rank	(6)	(6)	(6)	(7)	(7)	(6)	(6)	(6)	(6)	(6)	(6)	(5)	(4)	(3)	(4)
Sask	Actual $	9.72	9.56	9.34	10.05	9.91	9.48	8.97	8.39	8.11	8.11	8.17	8.46	8.53	8.95	9.01
	Rank	(7)	(7)	(7)	(6)	(6)	(7)	(7)	(7)	(7)	(7)	(7)	(6)	(5)	(4)	(3)
Alta	Actual $	9.61	9.55	9.11	8.96	9.13	8.75	7.86	7.21	6.90	6.57	6.24	6.61	6.30	6.47	6.33
	Rank	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
BC	Actual $	6.70	7.00	7.34	7.73	7.72	7.49	7.63	7.38	7.13	6.97	6.86	6.75	6.84	7.22	7.11
	Rank	(10)	(10)	(9)	(9)	(9)	(9)	(9)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
9 Provs	Actual $	10.25	10.33	10.28	10.53	10.59	10.31	10.02	9.39	8.84	8.30	8.24	$8.15	$8.05	$8.39	$8.35
Diff from Ont	Actual $	3.06	3.28	3.02	3.05	3.09	3.33	3.30	2.96	3.37	3.08	3.17	$3.24	$3.24	$3.61	$3.32
Ont	Actual $	7.20	7.05	7.25	7.48	7.51	6.98	6.72	6.43	5.47	5.23	5.07	$4.91	$4.80	$4.78	$5.03
	Rank	(9)	(9)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)
Canada	Actual $	8.99	8.97	9.04	9.27	9.33	8.95	8.68	8.19	7.48	7.05	6.94	$6.81	$6.70	$6.89	$6.97
Diff from Ont	Actual $	1.80	1.92	1.79	1.80	1.82	1.98	1.96	1.76	2.01	1.83	1.87	$1.90	$1.90	$2.11	$1.94

Sources:

Operating Grants

To 1989-90 Interprovincial Comparisons of University Financing, Tripartite (MET, COU, OCUA) Committee on Interprovincial Comparisons, April 1992. Last Tripartite report.

1990-91 onwards. The year-to-year percentage changes in provincial operating grants contained in the Financial Reports of the Canadian Association of University Business Officers (CAUBO) were used to estimate provincial operating grants for the purposes of this interprovincial comparison. See Appendix B for a more complete description and example of the methodology. The 2000-01 estimated percentage changes were obtained from the Public Accounts of Ontario and, for other provinces, from the Association of Universities and Colleges of Canada (AUCC).

Personal Income

Statistics Canada

Amount to attain level of other 9 provinces (2002-03):

	PPI	Ont Grant per capita	9 Prov Grant per capita	Provincial Operating Grant Income (000)	Provincial Operating Grant Income at 9-Province Funding (000)	Amount needed for Ontario to catch up (000)
Ontario	372,286	$5.03		$1,872,628	$3,109,642	$1,237,014
9 Prov	524,710		$8.35			

FIGURE 2.5

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER $1000 OF TOTAL PROVINCIAL PERSONAL INCOME
PROVINCIAL COMPARISON
1988-89 TO 2002-03

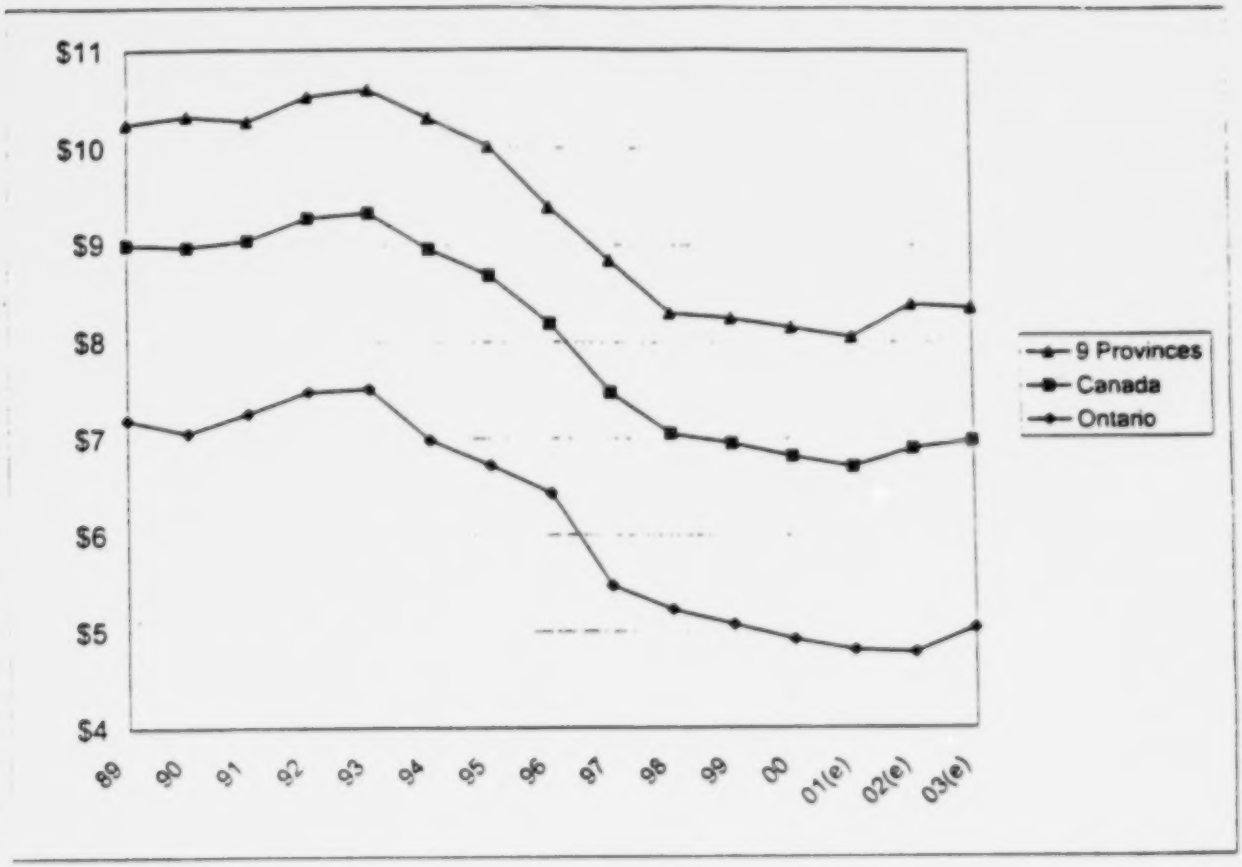


TABLE 2.6

REVENUES AND EXPENDITURES PER FTE ENROLMENT
PUBLIC UNIVERSITIES
ONTARIO AND U.S. PEERS
2000-01

Revenues

State/ Province	Tuition & Fees	Federal Government Grants & Contracts	State/Prov Government Funding	State/Prov Government Grants & Contracts	Private Gifts, Grants & Contracts	Endow-ment Income	Total
Ontario	$5,709	$2,207	$6,837	$1,004	$2,664	$531	$18,952
All Peers	$6,350	$4,428	$10,650	$997	$2,376	$273	$25,074
Great Lakes	$7,763	$4,157	$9,911	$819	$2,763	$279	$25,693

Expenditures

State/ Province	Instruction & Research	Academic Support	Student Services	Institutional Support	Physical Plant	Scholarships & Fellowships	Total
Ontario	$12,767	$20,028	$739	$913	$1,305	$1,053	$18,402
All Peers	$14,548	$2,768	$1,159	$2,056	$1,838	$1,702	$24,071
Great Lakes	$14,632	$2,758	$1,333	$2,067	$2,011	$1,728	$24,528

Notes:
U.S. peers are 170 American universities (10 per Ontario university) selected for their similarity to Ontario universities according to an algorithm described in the COU Paper "Comparing American and Ontario Universities"
See http://www.cou.on.ca/publications/briefs_reports/Ontario%20vs%20US%20peers.PDF
"Great Lakes" are those peers who are located in a great lakes state. Unlike "all peers" this subset may not have the same balance of institutional types as found in Ontario.
FTE enrolment is based on eligible-for-funding plus ineligible-for-funding students.
U.S. dollars are converted into Canadian dollars by multiplying by OECD Purchasing Power Parity (PPP)
PPP for 2000 is 1.21. Source: http://www.oecd.org/pdf/M00009000/M00009294.pdf

Sources:
U.S.A. - Integrated Postsecondary Education Data System, National Center for Education Statistics, U.S. Department of Education.
Ontario - COFO-UO, Financial Report of Ontario Universities.

TABLE 2.7

PERCENT CHANGE IN PROVINCIAL AND STATE FUNDING FOR OPERATING EXPENSES OF POST-SECONDARY EDUCATION CANADIAN PROVINCES AND AMERICAN STATES 1997-98 TO 2002-03

Country	Province\State	5-Year Change 97-98 to 02-03 %	Rank	4-Year Change 98-99 to 02-03 %	Rank	3-Year Change 99-00 to 02-03 %	Rank	2-Year Change 00-01 to 02-03 %	Rank	1-Year Change 01-02 to 02-03 %	Rank
Canada	Ontario	23.8%	(33)	21.3%	(19)	18.2%	(13)	12.5%	(9)	8.9%	(3)
	Other 9 Provinces										
	Newfoundland	31.7%	(12)	35.4%	(4)	26.4%	(2)	19.9%	(2)	9.4%	(2)
	P.E.I.	15.0%	(49)	14.3%	(42)	14.0%	(21)	10.2%	(15)	3.3%	(18)
	Nova Scotia	15.9%	(47)	10.5%	(50)	7.2%	(46)	5.4%	(31)	0.0%	(44)
	New Brunswick	6.1%	(57)	7.1%	(55)	6.2%	(48)	4.7%	(34)	2.0%	(27)
	Quebec	32.0%	(11)	25.2%	(9)	25.1%	(3)	18.3%	(4)	7.9%	(5)
	Manitoba	24.9%	(28)	20.5%	(21)	14.6%	(19)	8.0%	(25)	2.1%	(26)
	Saskatchewan	30.1%	(14)	23.8%	(11)	17.0%	(15)	12.5%	(8)	3.0%	(19)
	Alberta	34.6%	(7)	32.1%	(6)	23.0%	(6)	15.7%	(6)	4.7%	(13)
	British Columbia	16.2%	(46)	12.7%	(45)	12.3%	(26)	5.6%	(29)	0.0%	(44)
	9 Provinces	26.7%		22.2%		19.5%		13.3%		4.7%	
	10 Provinces	25.7%		21.9%		19.1%		13.0%		6.1%	
U.S.A.	11 Selected States										
	California	49.3%	(1)	32.3%	(5)	24.5%	(5)	7.5%	(26)	1.2%	(36)
	Florida	27.6%	(19)	16.6%	(34)	10.5%	(31)	3.0%	(44)	7.0%	(7)
	Illinois	24.0%	(30)	15.6%	(37)	8.3%	(42)	2.5%	(46)	-4.0%	(56)
	Indiana	21.5%	(39)	15.6%	(38)	8.2%	(43)	3.4%	(41)	0.4%	(39)
	Michigan	23.8%	(32)	20.2%	(22)	8.6%	(40)	1.3%	(50)	0.3%	(42)
	Minnesota	20.2%	(42)	14.5%	(41)	10.3%	(32)	5.2%	(32)	2.9%	(22)
	New York	34.1%	(9)	23.1%	(14)	19.1%	(10)	9.9%	(16)	6.1%	(9)
	Ohio	13.4%	(51)	9.2%	(51)	2.4%	(54)	-3.2%	(53)	1.3%	(33)
	Pennsylvania	17.3%	(44)	13.4%	(44)	7.2%	(47)	0.3%	(51)	0.0%	(47)
	Texas	46.4%	(3)	47.7%	(1)	16.1%	(17)	15.5%	(7)	1.5%	(32)
	Wisconsin	21.9%	(37)	17.3%	(32)	13.6%	(25)	4.3%	(35)	2.2%	(25)
	11 States	33.2%		24.7%		14.7%		6.1%		1.7%	
	Other 39 States										
	Alabama	17.5%	(43)	10.6%	(49)	4.3%	(51)	5.5%	(30)	2.9%	(21)
	Alaska	26.2%	(22)	24.8%	(10)	20.6%	(8)	10.7%	(12)	3.9%	(14)
	Arizona	15.2%	(48)	8.5%	(54)	4.8%	(50)	1.6%	(48)	2.6%	(23)
	Arkansas	21.2%	(40)	12.5%	(46)	3.4%	(53)	-1.7%	(52)	0.1%	(43)
	Colorado	25.3%	(26)	19.8%	(25)	13.6%	(24)	9.5%	(17)	8.0%	(4)
	Connecticut	31.1%	(13)	22.3%	(16)	9.7%	(35)	8.0%	(24)	1.2%	(37)
	Delaware	24.3%	(29)	17.5%	(31)	9.8%	(34)	3.8%	(38)	3.5%	(16)
	Georgia	25.3%	(25)	16.9%	(33)	11.6%	(27)	8.4%	(23)	1.6%	(29)
	Hawaii	5.1%	(58)	14.7%	(39)	8.1%	(44)	9.0%	(21)	5.8%	(10)
	Idaho	23.0%	(35)	14.6%	(40)	9.3%	(38)	3.6%	(39)	-5.6%	(58)
	Iowa	2.9%	(60)	-1.9%	(59)	-6.6%	(57)	-9.6%	(59)	-2.1%	(50)

Country	Province\State	5-Year Change 97-98 to 02-03 %	Rank	4-Year Change 98-99 to 02-03 %	Rank	3-Year Change 99-00 to 02-03 %	Rank	2-Year Change 00-01 to 02-03 %	Rank	1-Year Change 01-02 to 02-03 %	Rank
	Kansas	25.7%	(23)	17.7%	(30)	9.5%	(37)	4.2%	(36)	-0.1%	(49)
	Kentucky	42.5%	(4)	23.2%	(13)	18.3%	(12)	9.3%	(18)	2.9%	(20)
	Louisiana	37.1%	(6)	22.9%	(15)	19.6%	(9)	19.9%	(3)	5.8%	(11)
	Maine	30.1%	(15)	21.6%	(18)	13.6%	(23)	5.8%	(28)	1.3%	(35)
	Maryland	48.4%	(2)	38.1%	(2)	24.8%	(4)	10.8%	(11)	1.5%	(31)
	Massachusetts	7.0%	(56)	1.4%	(58)	-4.9%	(56)	-8.2%	(57)	-2.8%	(52)
	Mississippi	11.8%	(52)	3.2%	(57)	-11.3%	(60)	-6.0%	(56)	1.3%	(34)
	Missouri	4.1%	(59)	-4.8%	(60)	-10.5%	(59)	-8.8%	(58)	-10.2%	(59)
	Montana	14.9%	(50)	12.4%	(47)	5.5%	(49)	3.1%	(43)	-2.5%	(51)
	Nebraska	25.4%	(24)	18.3%	(28)	11.2%	(30)	4.9%	(33)	-0.1%	(48)
	Nevada	27.0%	(20)	27.6%	(7)	21.1%	(7)	17.0%	(5)	6.8%	(8)
	New Hampshire	25.1%	(27)	21.9%	(17)	16.0%	(18)	10.4%	(13)	3.3%	(17)
	New Jersey	29.1%	(16)	23.2%	(12)	16.2%	(16)	6.8%	(27)	2.3%	(24)
	New Mexico	27.7%	(18)	20.0%	(23)	14.1%	(20)	9.2%	(19)	1.8%	(30)
	North Carolina	22.1%	(36)	13.9%	(43)	7.9%	(45)	2.1%	(47)	0.3%	(41)
	North Dakota	16.4%	(45)	16.4%	(35)	9.1%	(39)	8.5%	(22)	0.0%	(44)
	Oklahoma	21.8%	(38)	11.9%	(48)	9.6%	(36)	2.8%	(45)	1.9%	(28)
	Oregon	8.8%	(55)	8.8%	(53)	-7.9%	(58)	-12.6%	(60)	-11.1%	(60)
	Rhode Island	27.8%	(17)	18.4%	(27)	11.4%	(28)	4.1%	(37)	-2.9%	(53)
	South Carolina	11.5%	(54)	6.8%	(56)	2.2%	(55)	-5.7%	(55)	-3.0%	(54)
	South Dakota	23.2%	(34)	18.0%	(29)	14.0%	(22)	9.1%	(20)	3.8%	(15)
	Tennessee	26.8%	(21)	20.5%	(20)	17.2%	(14)	10.4%	(14)	7.7%	(6)
	Utah	20.3%	(41)	15.8%	(36)	10.2%	(33)	3.5%	(40)	-3.4%	(55)
	Vermont	32.4%	(10)	27.5%	(8)	19.1%	(11)	11.4%	(10)	5.7%	(12)
	Virginia	34.1%	(8)	18.9%	(26)	4.3%	(52)	-5.2%	(54)	-5.3%	(57)
	Washington	23.9%	(31)	20.0%	(24)	11.2%	(29)	3.1%	(42)	0.4%	(40)
	West Virginia	11.6%	(53)	8.7%	(52)	8.5%	(41)	1.6%	(49)	0.4%	(38)
	Wyoming	40.5%	(5)	35.8%	(3)	35.8%	(1)	25.3%	(1)	17.2%	(1)
	39 States	22.8%		15.4%		8.2%		3.2%		0.5%	
	50 States	28.3%		20.3%		11.7%		4.7%		1.2%	

Notes: Canada

Data is based on funding for universities only.
British Columbia data excludes 3 university colleges that were added to the CAUBO dataset in 1997-98, creating a significant discontinuity in the time series.

U.S.A.

Data includes funding for universities, community colleges, vocational institutes and student support. "11 Selected States" are the 8 Great Lakes states plus the 3 other largest population states. These states collectively have more than half the population of the United States.

Sources: Canada

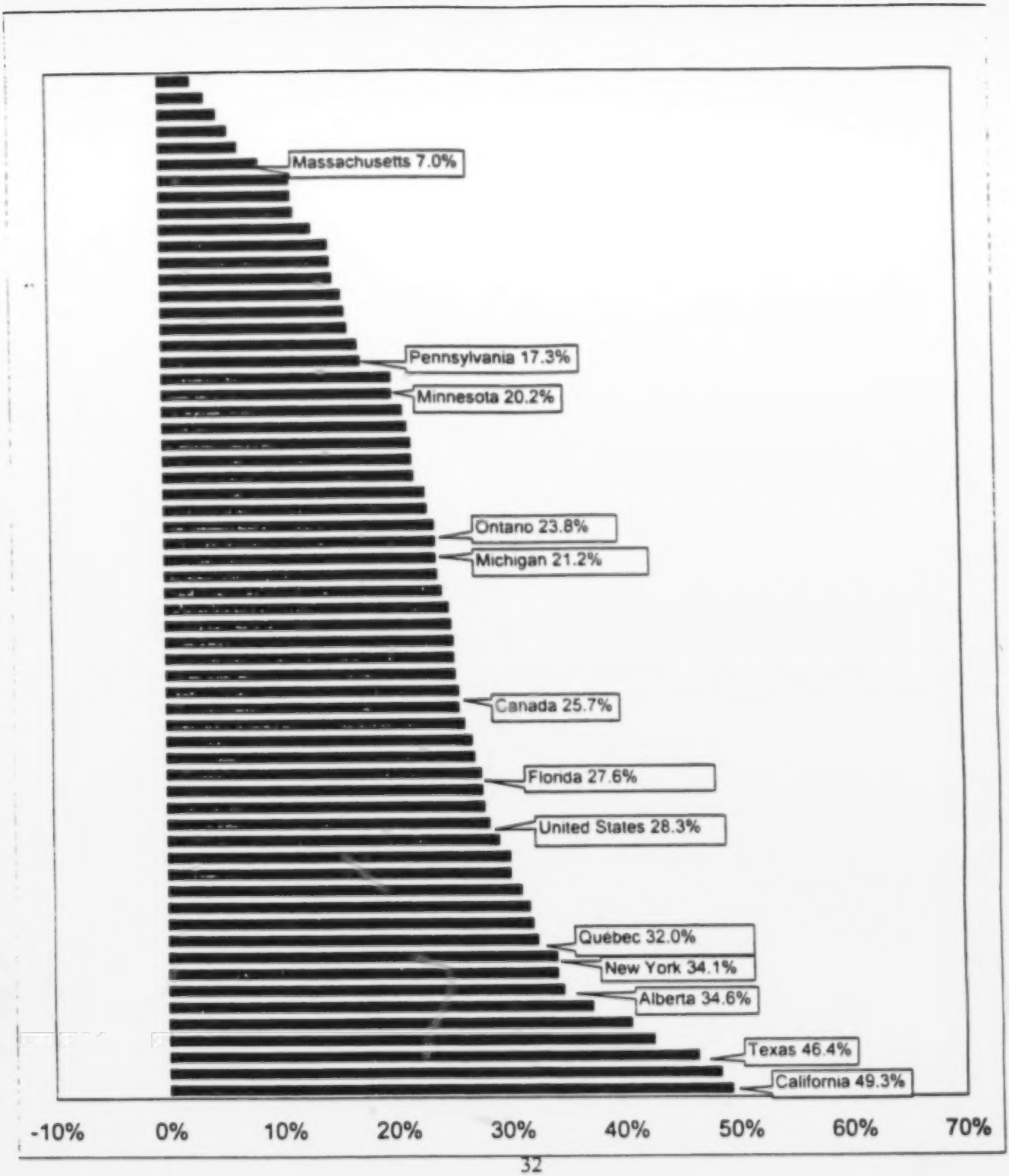
1996-97 to 1999-00: Statistics Canada, Canadian Association of University Business Officers (CAUBO): Financial Statistics of Universities and Colleges, various years.
2000-01 to 2002-03: Based on estimates from AUCC

U.S.A.

State Higher Education Executive Officers, State Higher Education Appropriations, and Financing Higher Education. Grapevine, A National Database of Tax Support for Higher Education, Center for Higher Education & Educational Finance.
http://www.coe.ilstu.edu/grapevine/50state.htm

FIGURE 2.7

PERCENT CHANGE IN PROVINCIAL AND STATE FUNDING FOR OPERATING EXPENSES OF POST-SECONDARY EDUCATION CANADIAN PROVINCES AND AMERICAN STATES 1997-98 TO 2002-03



Section 3

Comparisons with Other Sectors

TABLE 3.1

OPERATING EXPENDITURES PER CLIENT
UNIVERSITIES AND FOUR OTHER PUBLIC SECTORS
ONTARIO
1987-88 TO 2001-02

	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
Elementary & Secondary Schools															
Actual $	5,111	5,570	6,156	6,818	7,136	7,087	7,363	7,019	7,077	7,249	7,082	6,921	6,947	7,078	7,095
Constant $	7,246	7,584	7,957	9,141	9,441	9,242	9,453	8,911	8,915	8,963	8,686	7,436	7,303	7,232	7,095
Index	100.0	104.7	109.8	112.4	118.5	113.7	116.7	110.6	109.2	109.9	108.1	102.6	100.8	99.8	97.9
Community Colleges															
Actual $	6,493	6,958	7,265	7,430	7,110	7,290	6,858	6,910	6,872	6,531	6,771	6,980	7,419	7,982	8,387
Constant $	9,204	9,474	9,390	9,139	8,410	8,477	7,873	7,986	7,686	7,174	7,348	7,498	7,799	8,188	8,387
Index	100.0	102.9	102.0	99.3	91.4	92.1	85.5	83.7	83.5	77.9	79.8	81.5	84.7	88.7	91.1
Health Care															
Actual$	1,311	1,419	1,535	1,632	1,782	1,849	1,811	1,782	1,783	1,757	1,783	1,881	1,956	2,134	2,206
Constant	1,311	1,419	1,535	1,632	1,782	1,849	1,811	1,782	1,783	1,757	1,783	1,881	1,956	2,134	2,206
Index	100.0	108.2	117.1	124.5	136.7	141.0	138.1	136.7	134.5	134.1	134.5	143.5	149.2	162.8	168.3
Adult Offenders															
Actual $	115.1	109.1	105.3	118.7	121.1	124.3	128.4	121.0	116.5	123.3	126.8	128.0	139.9	138.8	
Constant $	163.2	148.6	136.0	146.0	143.2	144.5	147.4	138.1	130.3	135.4	137.6	137.6	147.0	141.8	
Index	100.0	91.0	83.4	89.5	87.8	88.6	90.4	84.6	79.8	83.0	84.3	84.3	90.1	86.9	
Universities															
Actual $	8,467	8,699	9,192	9,772	10,228	10,400	10,294	10,505	10,707	10,606	10,854	11,726	12,380	12,719	12,985
Constant $	12,004	11,845	11,881	12,020	12,098	12,094	11,818	11,990	11,975	11,650	11,779	12,598	13,013	12,987	12,985
Index	100.0	98.7	99.0	100.1	100.8	100.7	98.4	99.9	99.8	97.1	98.1	104.9	108.4	108.3	108.5

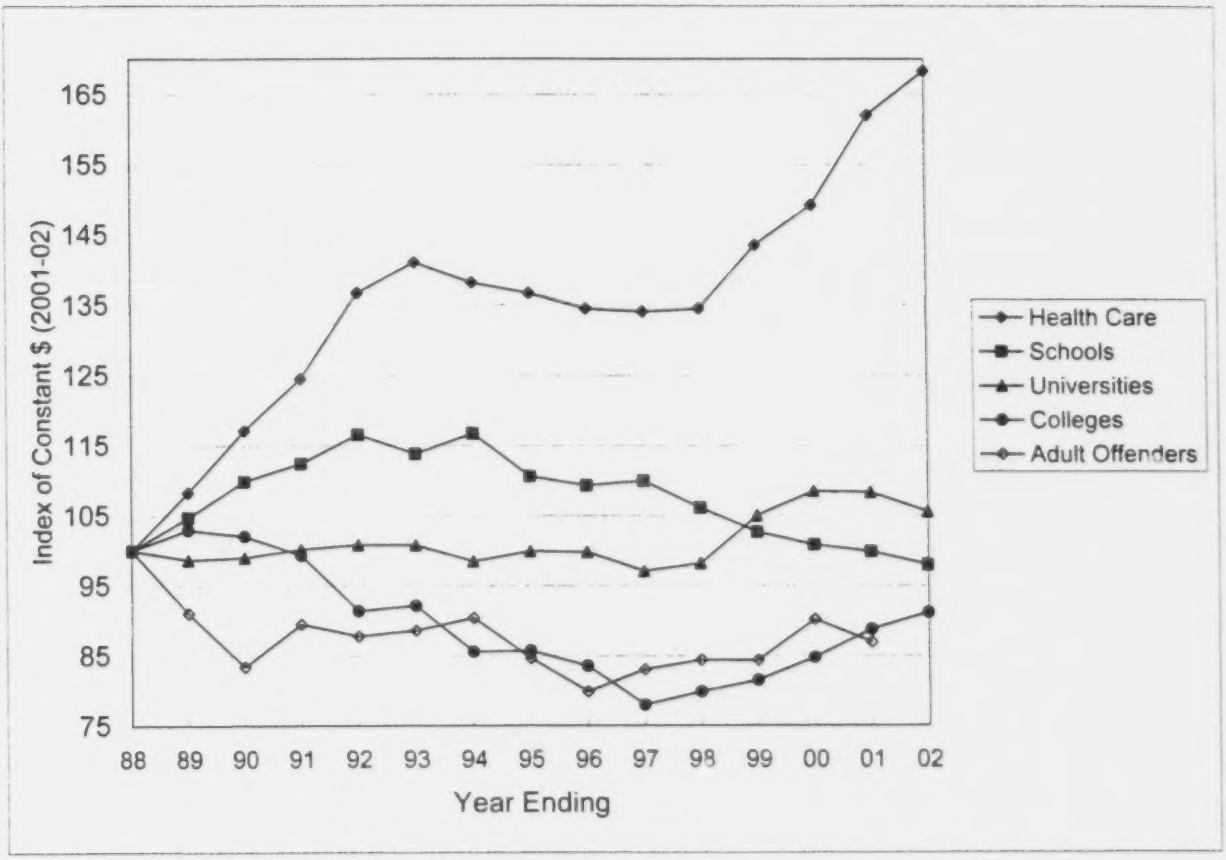
Notes:
- Elem/Sec Schools: Total school costs per pupil. Excludes debt financing charges from 1997-98 on
- Community Colleges: Operating revenue per provincially funded FTE student
- Healthcare: Total public sector health expenditures (less capital) per capita
  Per capita was used because Statistics Canada estimates that 97.4% of Ontarians accessed healthcare at least once in 2001
- Adult Offenders: Expenditures per inmate-day
- Universities: Operating expenses per FTE student. Some of the increase from 1998-99 on is due to an accounting change

Indices are based on constant 2001-02-00 dollars

Sources:
- Elem/Sec Schools: Ministry of Education
- Healthcare: Canadian Institute for Health Information (CIHI).
  Statistics Canada. Access to Health Care Services in Canada, 2001, table A-2 (http://www.statcan.ca/english/freepub/82-575-XIE/82-575-XIE2002001.pdf)
- Community Colleges: Ministry of Training, Colleges and Universities
- Adult Offenders: Ministry of Correctional Services
- Universities: COFO-UO, Financial Report of Ontario Universities

FIGURE 3.1

OPERATING EXPENDITURES PER CLIENT
UNIVERSITIES AND FOUR OTHER PUBLIC SECTORS
ONTARIO
1987-88 TO 2001-02



Note: Schools from 1997-98 on excludes debt charges

TABLE 3.2

OPERATING EXPENDITURES PER CLIENT
HEALTH, SCHOOLS AND UNIVERSITIES
PROVINCIAL COMPARISON

	Health per capita (2002)			Schools Per Student (1999)			Universities Per Student (2001-02)		
	$	Index	Rank	$	Index	Rank	$	Index	Rank
Newfoundland	$2,673	109.4	(3)	$5,841	88.8	(8)	$13,412	107.0	(4)
P.E.I.	$2,002	81.9	(10)	$5,677	86.3	(9)	$15,471	123.4	(1)
Nova Scotia	$2,251	92.1	(8)	$5,642	85.7	(10)	$13,438	107.2	(3)
New Brunswick	$2,414	98.8	(6)	$6,433	97.8	(6)	$11,370	90.7	(10)
Quebec	$2,160	88.4	(9)	$7,097	107.8	(3)	$12,902	102.9	(7)
Ontario	$2,308	94.4	(7)	$7,554	114.8	(1)	$11,875	94.7	(9)
Manitoba	$2,860	117.0	(1)	$7,432	112.9	(2)	$13,113	104.6	(6)
Saskatchewan	$2,548	104.3	(4)	$6,277	95.4	(7)	$13,527	107.9	(2)
Alberta	$2,533	103.6	(5)	$6,871	104.4	(5)	$13,236	105.6	(5)
British Columbia	$2,693	110.2	(2)	$6,985	106.1	(4)	$12,378	98.7	(8)
10 Provinces	$2,444	100.0		$6,581	100.0		$12,537	100.0	

Notes:

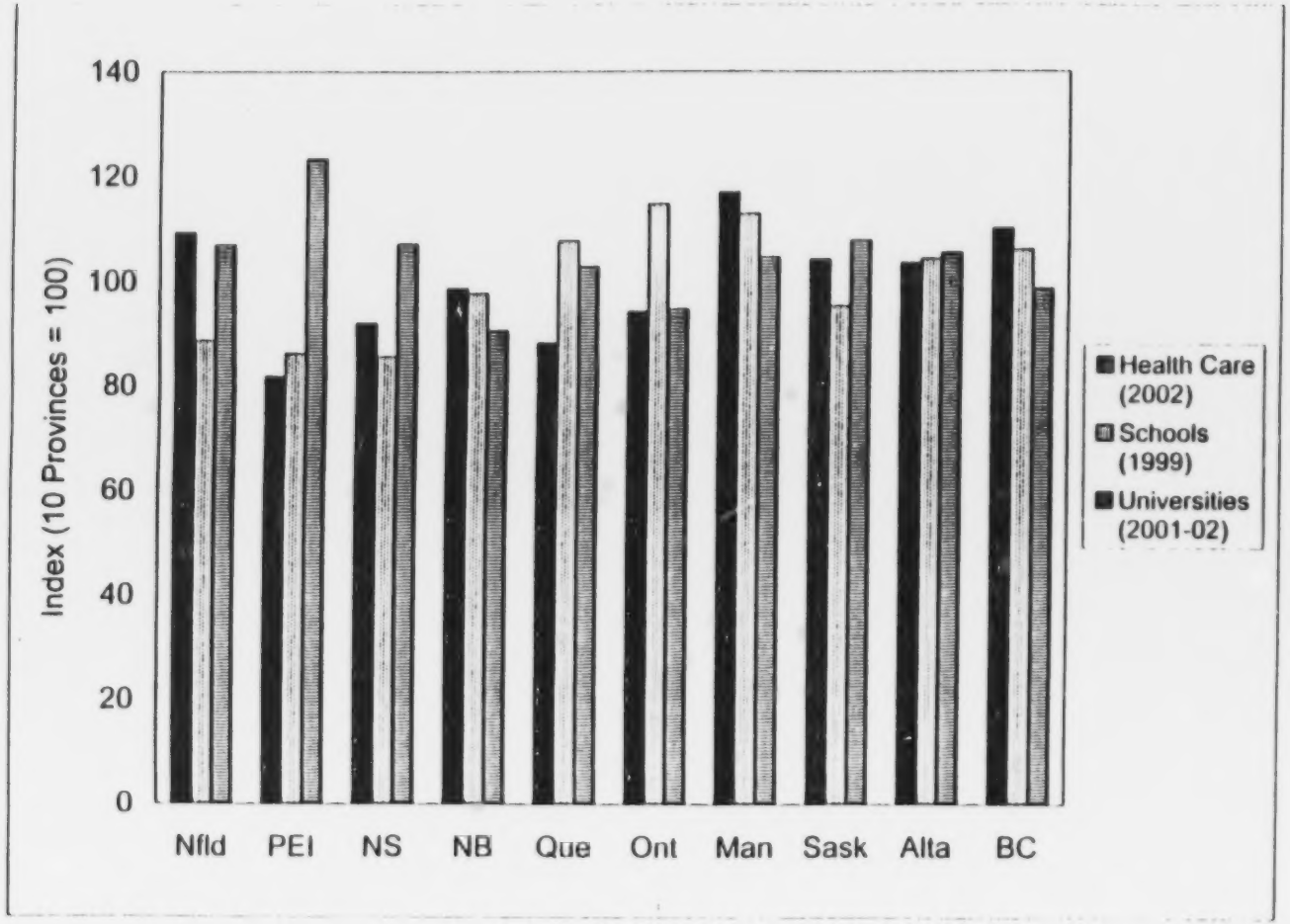
- "10 Provinces" row is not weighted by number of clients in each province.
- Index columns are relative to 10 Provinces = 100.0.
- Health expenditures includes provincially funded expenditures only, excluding capital.
- Schools are total expenditures per full-time equivalent student.
- Total University Operating Expenditures per Student. This is an estimate calculated according to the methodology outlined in Appendix C. It is similar to the methodology used for the interprovincial comparisons in Tables 2.3 to 2.5 of the Resource Document.

Sources:

Health	Canadian Institute for Health Information (CIHI)
Schools	Statistics Canada, 81-229, Education in Canada, Table 67.
Universities	Interprovincial Comparisons of University Funding: Tripartite (Ministry of Education and Training, Ontario Council on University Affairs, COU) Committee on Interprovincial Comparisons, April 1992. Total Operating Expenses: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges. Enrolment: Statistics Canada.

FIGURE 3.2

OPERATING EXPENDITURES PER CLIENT
HEALTH, SCHOOLS AND UNIVERSITIES
PROVINCIAL COMPARISON



Section 4

Research

TABLE 4.1

SPONSORED RESEARCH EXPENSES
COMPARED TO UNIVERSITY OPERATING EXPENSES
ONTARIO UNIVERSITIES
1987-1988 TO 2002-03

	Sponsored Research Expenses ($000s)			University Operating Expenses ($000s)		
	Actual Dollars	Constant 2001-02 $	Index of Constant $	Actual Dollars	Constant 2001-02 $	Index of Constant $
1987-88	$394,844	$576,491	100.0	$1,824,714	$2,664,171	100.0
1988-89	$458,978	$643,637	111.6	$1,952,997	$2,738,738	102.8
1989-90	$488,805	$650,661	112.9	$2,128,359	$2,833,114	106.3
1990-91	$550,363	$697,204	120.9	$2,348,260	$2,974,792	111.7
1991-92	$580,336	$706,955	122.6	$2,557,505	$3,115,506	116.9
1992-93	$610,424	$731,054	126.8	$2,650,614	$3,174,420	119.2
1993-94	$717,188	$847,969	147.1	$2,603,626	$3,078,405	115.5
1994-95	$722,901	$849,726	147.4	$2,632,182	$3,093,968	116.1
1995-96	$716,124	$824,876	143.1	$2,642,506	$3,043,803	114.2
1996-97	$750,045	$848,550	147.2	$2,575,425	$2,913,661	109.4
1997-98	$802,599	$897,066	155.6	$2,627,474	$2,936,732	110.2
1998-99	$836,779	$925,831	160.6	$2,844,460	$3,147,173	118.1
1999-00	$951,527	$1,030,109	178.7	$3,111,188	$3,368,126	126.4
2000-01	$1,223,282	$1,287,328	223.3	$3,264,114	$3,435,010	128.9
2001-02	$1,455,164	$1,498,657	260.0	$3,401,446	$3,503,112	131.5
2002-03	$1,596,892	$1,596,892	277.0	$3,811,322	$3,811,322	143.1

Note: Affiliated and federated colleges excluded.

Source: COFO-UO, Financial Report of Ontario Universities.

FIGURE 4.1

SPONSORED RESEARCH EXPENSES
COMPARED TO UNIVERSITY OPERATING EXPENSES
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

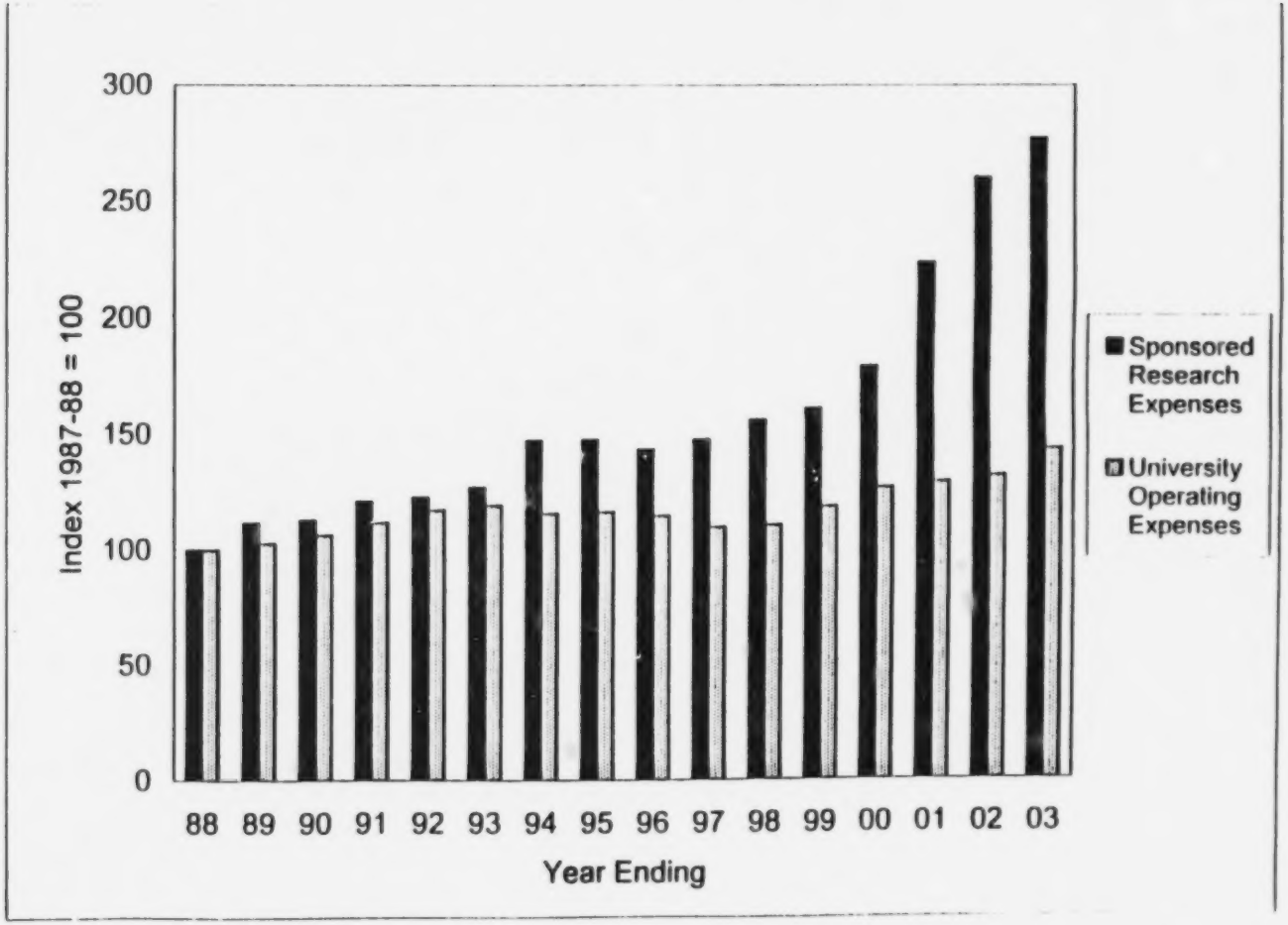


TABLE 4.2

FUNDING FROM THE GRANTING COUNCILS SSHRC + NSERC + MRC/CIHR USED IN THE ALLOCATION OF THE ROIE[1] COMPARED WITH THE VALUE OF THE ROIE 1987-88 TO 2002-03

$000s

	Funding from the Granting Councils Used in the Allocation of the ROIE		Ontario Government Research Overhead/ Infrastructure Envelope (ROIE)	ROIE as a Share of Granting Council Funding (3-Year Avg. Slipped 2 Years)[2]
	Single-Year Actual Data	Three-Year Average, Slipped Two Years		
1987-88	$147,094	$124,191	$25,000	20.1%
1988-89	$157,694	$132,706	$26,125	19.7%
1989-90	$173,675	$139,691	$27,170	19.5%
1990-91	$175,003	$147,633	$28,447	19.3%
1991-92	$176,281	$159,488	$30,296	19.0%
1992-93	$182,303	$168,791	$30,569	18.1%
1993-94	$187,351	$174,986	$28,337	16.2%
1994-95	$187,354	$177,863	$27,839	15.7%
1995-96	$182,687	$181,979	$27,477	15.1%
1996-97	$178,853	$185,670	$22,990	12.4%
1997-98	$178,103	$185,798	$27,477	14.8%
1998-99	$195,565	$182,965	$27,477	15.0%
1999-00	$216,157	$179,881	$27,752	15.4%
2000-01	$253,307	$184,174	$27,752	15.1%
2001-02		$196,608	$27,752	14.1%
2002-03		$221,677	$27,752	12.5%

Notes:

1) Research Overheads Infrastructure Envelope (ROIE)

2) The NSERC+SSHRC+MRC three-year average is slipped two years. For example, the 2001-02 average is based on 1997-98, 1998-99 and 1999-00 data. This methodology is used by MTCU to determine the share of ROIE that each Ontario university receives. The ROIE began in 1987-88.

As a general rule, the granting council funding from which the ROIE is calculated excludes industry partnership programs, equipment and facilities grants or multi-institutional grants. It has also tried to maintain a consistent set of included grants since 1987-88.

Source: Ministry of Training, Colleges and Universities.

FIGURE 4.2

FUNDING FROM THE GRANTING COUNCILS
SSHRC + NSERC + MRC/CIHR
USED IN THE ALLOCATION OF THE ROIE
COMPARED WITH THE VALUE OF THE ROIE
1987-88 TO 2002-03

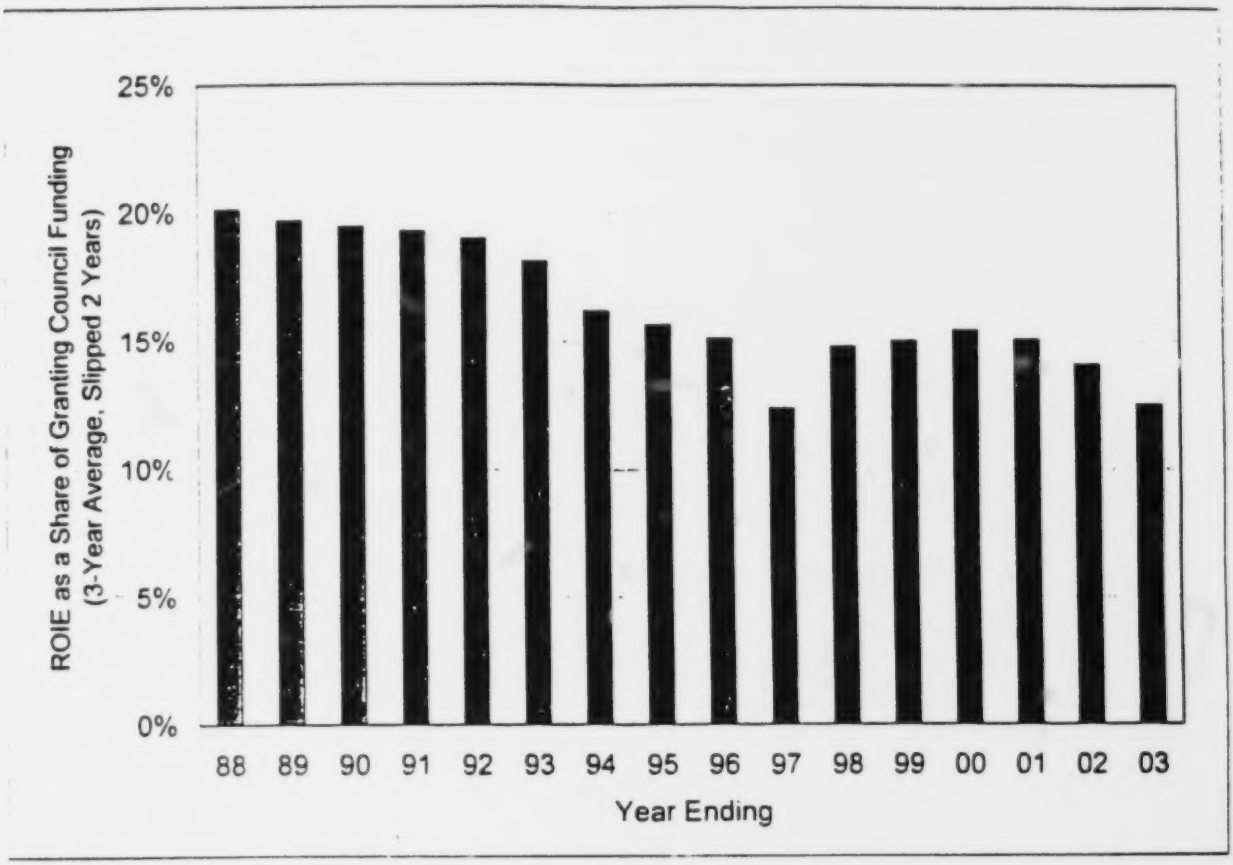


TABLE 4.3

SPONSORED RESEARCH FUNDING TO UNIVERSITIES
SSHRC + NSERC + CIHR (MRC)
PROVINCIAL COMPARISON
1987-88 TO 2001-02

	Nfld	PEI	NS	NB	Que	Man	Sask	Alta	BC	9 Provs	Ontario	Canada
Funding ($000s)												
1987-88	$7,968	$287	$16,023	$6,417	$112,529	$17,883	$14,597	$42,682	$54,063	$272,449	$173,481	$445,930
1988-89	$9,212	$376	$17,645	$6,872	$126,894	$20,403	$17,001	$44,882	$55,896	$299,181	$191,862	$491,043
1989-90	$8,945	$443	$17,613	$6,181	$140,304	$21,486	$15,778	$51,725	$59,857	$322,332	$204,454	$526,786
1990-91	$11,766	$456	$25,512	$6,778	$172,828	$22,154	$19,264	$59,813	$86,184	$404,755	$215,403	$620,158
1991-92	$11,247	$632	$25,736	$7,429	$183,197	$22,439	$19,901	$61,429	$90,767	$422,777	$223,720	$646,497
1992-93	$10,275	$673	$22,808	$7,141	$179,128	$22,680	$18,815	$63,514	$92,406	$417,440	$233,076	$650,516
1993-94	$9,837	$641	$21,146	$6,327	$190,387	$21,625	$18,862	$62,518	$88,560	$419,903	$252,129	$672,032
1994-95	$8,328	$556	$23,099	$7,130	$196,035	$22,837	$19,723	$68,841	$96,555	$443,104	$250,370	$693,474
1995-96	$8,141	$445	$18,313	$7,105	$189,409	$20,053	$16,943	$63,477	$84,154	$408,040	$248,314	$656,354
1996-97	$8,342	$598	$18,609	$6,907	$183,868	$18,019	$18,582	$64,403	$76,139	$395,467	$239,839	$635,306
1997-98	$7,457	$611	$18,929	$6,397	$165,991	$19,977	$13,015	$72,716	$76,077	$381,170	$225,786	$606,956
1998-99	$9,118	$951	$19,314	$7,285	$214,024	$20,281	$15,899	$74,858	$84,335	$446,065	$259,156	$705,221
1999-00	$13,469	$776	$25,490	$7,681	$261,215	$21,974	$17,887	$93,161	$93,485	$535,138	$301,802	$836,940
2000-01	$15,434	$1,440	$25,456	$7,658	$277,616	$28,663	$20,113	$105,225	$94,165	$575,770	$328,950	$904,720
2001-02	$15,735	$1,627	$36,576	$8,181	$310,154	$30,799	$20,608	$117,009	$120,118	$660,805	$334,511	$995,316
Provincial Share of National Total												
1987-88	1.8%	0.1%	3.6%	1.4%	25.2%	4.0%	3.3%	9.6%	12.1%	61.1%	38.9%	100.0%
1988-89	1.9%	0.1%	3.6%	1.4%	25.8%	4.2%	3.5%	9.1%	11.4%	60.9%	39.1%	100.0%
1989-90	1.7%	0.1%	3.3%	1.2%	26.6%	4.1%	3.0%	9.8%	11.4%	61.2%	38.8%	100.0%
1990-91	1.9%	0.1%	4.1%	1.1%	27.9%	3.6%	3.1%	9.6%	13.9%	65.3%	34.7%	100.0%
1991-92	1.7%	0.1%	4.0%	1.1%	28.3%	3.5%	3.1%	9.5%	14.0%	65.4%	34.6%	100.0%
1992-93	1.6%	0.1%	3.5%	1.1%	27.5%	3.5%	2.9%	9.8%	14.2%	64.2%	35.8%	100.0%
1993-94	1.5%	0.1%	3.1%	0.9%	28.3%	3.2%	2.8%	9.3%	13.2%	62.5%	37.5%	100.0%
1994-95	1.2%	0.1%	3.3%	1.0%	28.3%	3.3%	2.8%	9.9%	13.9%	63.9%	36.1%	100.0%
1995-96	1.2%	0.1%	2.8%	1.1%	28.9%	3.1%	2.6%	9.7%	12.8%	62.2%	37.8%	100.0%
1996-97	1.3%	0.1%	2.9%	1.1%	28.9%	2.8%	2.9%	10.1%	12.0%	62.2%	37.8%	100.0%
1997-98	1.2%	0.1%	3.1%	1.1%	27.3%	3.3%	2.1%	12.0%	12.5%	62.8%	37.2%	100.0%
1998-99	1.3%	0.1%	2.7%	1.0%	30.3%	2.9%	2.3%	10.6%	12.0%	63.3%	36.7%	100.0%
1999-00	1.6%	0.1%	3.0%	0.9%	31.2%	2.6%	2.1%	11.1%	11.2%	63.9%	36.1%	100.0%
2000-01	1.7%	0.2%	2.8%	0.8%	30.7%	3.2%	2.2%	11.6%	10.4%	63.6%	36.4%	100.0%
2001-02	1.6%	0.2%	3.7%	0.8%	31.2%	3.1%	2.1%	11.8%	12.1%	66.4%	33.6%	100.0%

Note: All sponsored research revenue from the Granting Councils reflects only the program from the three granting councils that are included in the calculation of the ROIE. Excludes institutions added to BC since 1996-97 for comparability

Source: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges: Income from Sponsored Research (Table 2.1A)

FIGURE 4.3

SPONSORED RESEARCH FUNDING TO UNIVERSITIES
SSHRC + NSERC + CIHR (MRC)
PROVINCIAL COMPARISON
1987-88 TO 2001-02

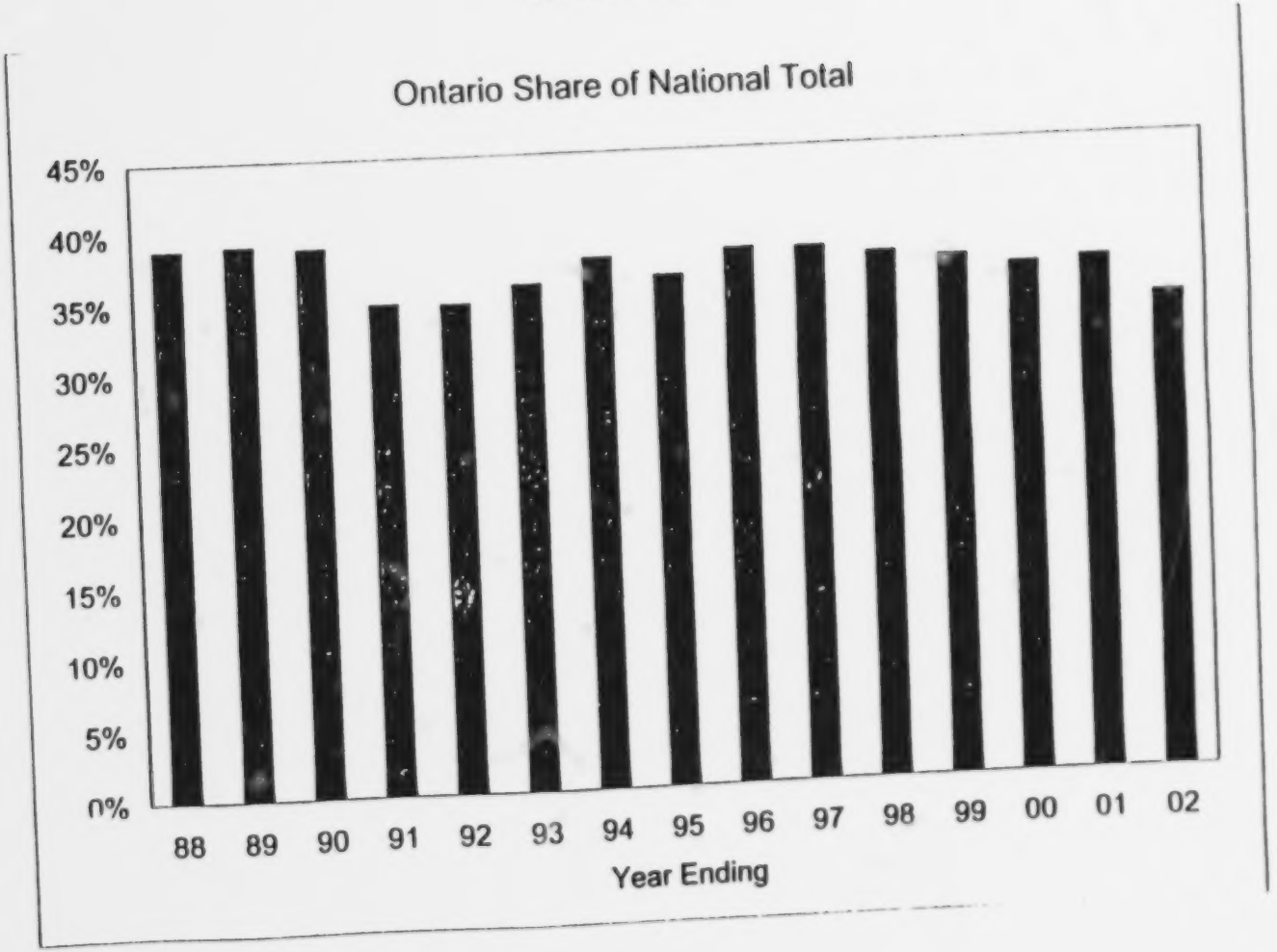


TABLE 4.4

GROSS EXPENDITURE ON RESEARCH AND DEVELOPMENT (GERD)
ONTARIO AND THE GROUP OF SEVEN INDUSTRIALIZED NATIONS
2000

	GERD per Capita		GERD as a Percentage of GDP		Percentage of GERD Performed by Higher Education Sector		GERD Performed by Higher Education Sector as Percentage of GDP	
	PPP $	Rank	%	Rank	%	Rank	%	Rank
Ontario	$670.75	(3)	2.17%	(5)	24.78%	(3)	0.54%	(2)
Canada	$537.21	(6)	1.86%	(6)	29.47%	(2)	0.55%	(1)
France	$542.60	(5)	2.18%	(4)	18.80%	(5)	0.41%	(4)
Germany	$651.80	(4)	2.49%	(3)	16.10%	(6)	0.40%	(5)
Italy	$268.00	(8)	1.07%	(8)	31.00%	(1)	0.33%	(8)
Japan	$775.20	(2)	2.98%	(1)	14.50%	(7)	0.43%	(3)
UK	$463.50	(7)	1.85%	(7)	20.80%	(4)	0.38%	(6)
USA	$939.90	(1)	2.72%	(2)	13.90%	(8)	0.38%	(7)

Notes: PPP $ are Purchasing Power Parity dollars as defined and calculated by OECD.

Sources: **Ontario and Canada:**
Statistics Canada, Service Bulletin Science Statistics V. 26 no. 7 (88-001-XIB) (reduced by ppp=1.19)
Percentage of GERD Performed by Higher Education Sector:
Statistics Canada: Estimates of Canadian Research and Development Expenditures (GERD), Canada, 1991 to 2002p, and by Province 1991 to 2000. See http://www.statcan.ca/english/IPS/Data/88F0006XIE2002015.htm
Other Nations: OECD, Main Science and Technology Indicators, Volume 2003:1.

Section 5

Tuition Fees

TABLE 5.1

MAXIMUM CHARGEABLE TUITION FEES
BACHELOR OF ARTS PROGRAMS
ONTARIO UNIVERSITIES
COMPARED WITH ONTARIO AVERAGE PERSONAL AND FAMILY INCOME
1988-89 TO 2003-04

	Formula Fee Rate Increase	Formula Fee Rate for Arts	Maximum Discretionary Component (MDC)	Maximum Tuition Fee (MTF)	Average Personal Income (API)	MTF / API %	Average Family Income (AFI)	MTF / AFI %
1988-89	4.5%	$1,249	13.00%	$1,411	$20,920	6.7%	$51,784	2.7%
1989-90	7.5%	$1,343	13.00%	$1,518	$22,333	6.8%	$55,316	2.7%
1990-91	8.0%	$1,450	13.00%	$1,639	$23,114	7.1%	$55,691	2.9%
1991-92	8.0%	$1,566	13.00%	$1,770	$23,568	7.5%	$57,589	3.1%
1992-93	7.0%	$1,676	13.00%	$1,894	$24,008	7.9%	$57,631	3.3%
1993-94	7.0%	$1,793	13.00%	$2,026	$23,955	8.5%	$56,637	3.6%
1994-95	10.0%	$1,972	13.00%	$2,228	$24,071	9.3%	$57,880	3.8%
1995-96	10.0%	$2,169	13.00%	$2,451	$24,749	9.9%	$59,631	4.1%
1996-97	10.0%	$2,386	23.00%	$2,935	$24,890	11.8%	$59,425	4.9%
1997-98	0.0%	$2,386	35.30%	$3,228	$25,741	12.5%	$62,162	5.2%
1998-99	0.0%	$2,386	48.83%	$3,551	$26,754	13.3%	$66,080	5.4%
1999-00	0.0%	$2,386	62.36%	$3,874	$27,992	13.8%	$68,073	5.7%
2000-01	0.0%	$2,386	65.61%	$3,951	$29,674	13.3%	$72,585	5.4%
2001-02	0.0%	$2,386	68.85%	$4,029	$30,312	13.3%	*$74,556*	*5.4%*
2002-03	0.0%	$2,386	72.10%	$4,106	$30,849	13.3%	*$76,461*	*5.4%*
2003-04	0.0%	$2,386	75.35%	$4,184	*$31,713*	*13.2%*	*$78,601*	*5.3%*

Notes:

Fees are for full-time Canadian students.
The Maximum Discretionary Component (MDC) is expressed as a percentage of the Formula Fee Rate.
Maximum Tuition Fee (MTF) = Formula Fee Rate * (1 + MDC).
For 2000-01 and later, tuition was allowed to increase by 2% per year on average (non-compounding)
Partial deregulation of tuition fees began in 1996-97. For 1996-97 and thereafter, the MDC in this table represents the average, across ALL programs, allowed for each institution. Each institution has some flexibility to set tuition fee rates for individual programs above this MDC, as long as their institutional average, weighted by enrolment, does not exceed this MDC.
Average personal and family income are for Ontario.

Family Income is for Census Families. The term "census family" corresponds to what is commonly referred to as a "nuclear family" or "immediate family". In general, it consists of a married couple or common-law couple with or without children, or a lone-parent with a child or children; furthermore, each child does not have his or her own spouse or child living in the household.

Average Individual Income excludes those without income and military personnel.

Estimate of average personal income and average family income for 2000-01, 2001-02 and 2002-03 derived by increasing by inflation rates of 2.7%, 2.6% and 2.8% respectively

Sources:

Family Income	Statistics Canada, Income Division. Income Trends in Canada, 1980-1999
Personal Income	Statistics Canada, 13-213-PIB, Provincial Economic Accounts (1999, 2000)
Inflation	Statistics Canada; For 2003: University of Toronto's Policy and Economic Analysis Program (PEAP)

FIGURE 5.1

MAXIMUM CHARGEABLE TUITION FEES
BACHELOR OF ARTS PROGRAMS
ONTARIO UNIVERSITIES
COMPARED WITH AVERAGE PERSONAL AND FAMILY INCOME
1988-89 TO 2003-04

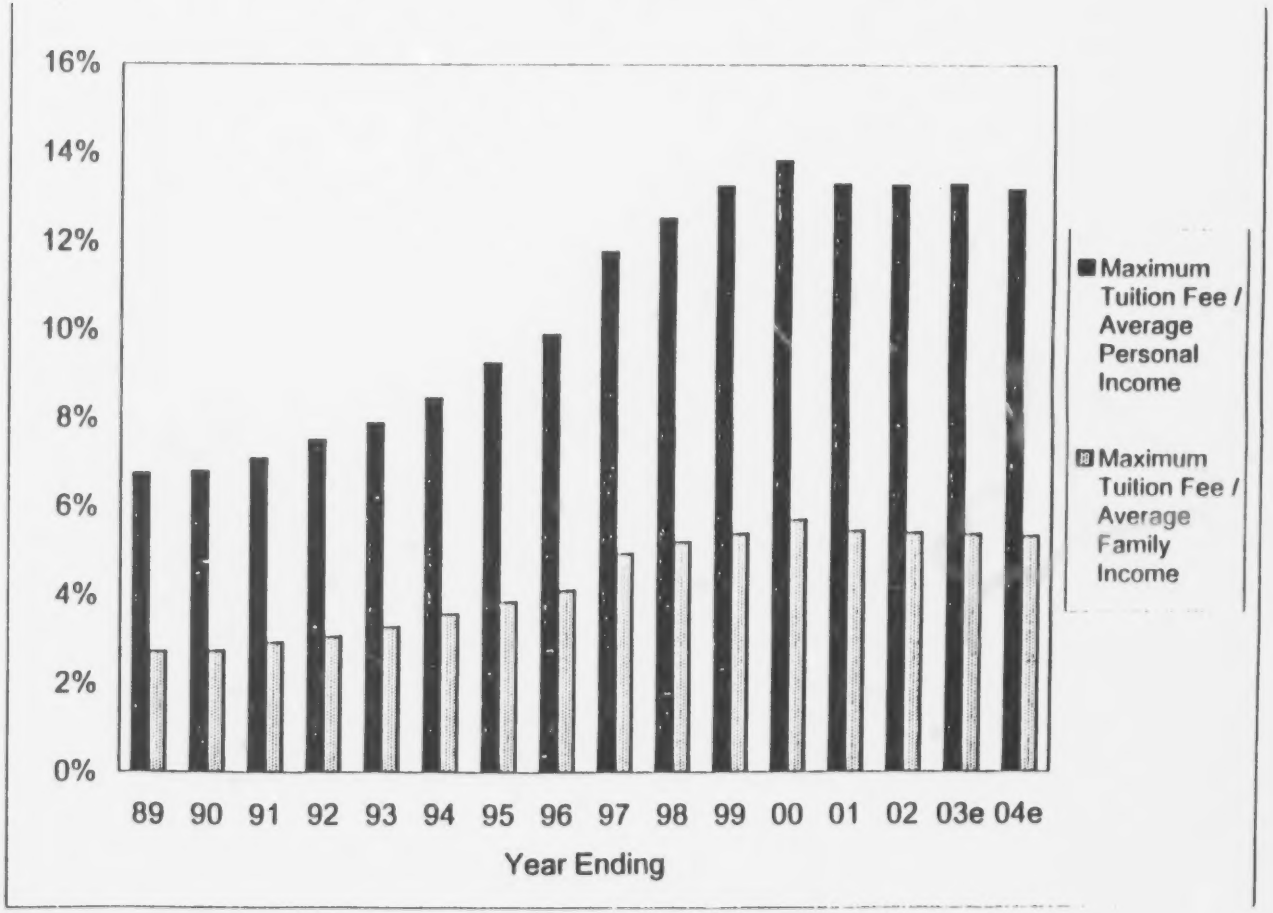


TABLE 5.2

TUITION FEES
SELECTED PROGRAMS
ONTARIO UNIVERSITIES
1988-89 TO 2003-04

	Bachelor of Arts			Bachelor of Engineering			Master of Arts		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Actual Dollars									
1988-89	$1,243	$1,397	$1,415	$1,243	$1,541	$2,069			
1989-90	$1,516	$1,517	$1,520	$1,516	$1,673	$2,234			
1990-91	$1,637	$1,639	$1,640	$1,638	$1,807	$2,396			
1991-92	$1,767	$1,770	$1,770	$1,769	$1,950	$2,570			
1992-93	$1,892	$1,894	$1,895	$1,893	$2,083	$2,718			
1993-94	$2,024	$2,026	$2,027	$2,026	$2,229	$2,908			
1994-95	$2,170	$2,225	$2,228	$2,228	$2,452	$3,196			
1995-96	$2,450	$2,451	$2,452	$2,418	$2,626	$2,690			
1996-97	$2,816	$2,920	$2,986	$2,935	$3,138	$3,238	$3,408	$4,190	$4,422
1997-98	$3,135	$3,213	$3,285	$3,217	$3,455	$3,600	$3,700	$4,428	$4,863
1998-99	$3,320	$3,495	$3,554	$3,550	$3,786	$3,990	$4,070	$4,562	$5,009
1999-00	$3,510	$3,812	$3,942	$3,902	$4,262	$4,627	$3,738	$4,680	$5,304
2000-01	$3,720	$3,919	$4,020	$4,150	$4,631	$5,500	$3,921	$4,775	$5,304
2001-02	$3,800	$4,001	$4,099	$4,028	$4,836	$5,850	$4,422	$4,971	$5,748
2002-03	$3,870	$4,079	$4,178	$4,106	$4,890	$6,260	$4,422	$5,082	$5,859
2003-04[1]	$3,950	$4,161	$4,261	$4,106	$5,006	$6,260	$4,154	$5,082	$5,568
Constant 2003-04 Dollars									
1988-89	$1,784	$2,006	$2,031	$1,784	$2,212	$2,970			
1989-90	$2,066	$2,068	$2,072	$2,066	$2,281	$3,045			
1990-91	$2,124	$2,126	$2,127	$2,125	$2,344	$3,108			
1991-92	$2,204	$2,207	$2,208	$2,207	$2,432	$3,206			
1992-93	$2,320	$2,323	$2,324	$2,321	$2,555	$3,333			
1993-94	$2,451	$2,453	$2,454	$2,453	$2,699	$3,521			
1994-95	$2,612	$2,678	$2,682	$2,682	$2,951	$3,847			
1995-96	$2,890	$2,891	$2,892	$2,852	$3,097	$3,173			
1996-97	$3,262	$3,382	$3,459	$3,400	$3,636	$3,751	$3,948	$4,854	$5,123
1997-98	$3,588	$3,677	$3,760	$3,682	$3,955	$4,120	$4,235	$5,068	$5,566
1998-99	$3,761	$3,960	$4,027	$4,022	$4,290	$4,521	$4,611	$5,168	$5,675
1999-00	$3,891	$4,226	$4,370	$4,326	$4,724	$5,129	$4,144	$5,189	$5,880
2000-01	$4,012	$4,227	$4,336	$4,476	$4,995	$5,932	$4,229	$5,150	$5,721
2001-02	$4,008	$4,219	$4,323	$4,248	$5,100	$6,169	$4,663	$5,242	$6,062
2002-03	$3,963	$4,176	$4,278	$4,205	$5,007	$6,410	$4,528	$5,204	$6,000
2003-04[1]	$3,950	$4,161	$4,261	$4,106	$5,006	$6,260	$4,154	$5,082	$5,568

Notes: Minimum, average, and maximum tuition fees are taken across all Ontario universities that offer the program. Fees are for full-time Canadian students. Average columns are not weighted by enrolment of individual institutions. University of Waterloo BEng tuition fee includes co-op fee for 1989-90 through 1994-95, and excludes co-op fee for 1995-96 onwards. Where a range is given, uses the lower number. Excludes ancillary fees.

1) Bachelor of Arts data for 2003-04 includes the Ontario College of Arts and Design (OCAD) and the University of Ontario Institute of Technology (UOIT). One institution decreased its first-year Master of Arts tuition in 2003-04, which affects the averages.

Sources: COU Annual Fee Survey Report.
CPI: Statistics Canada (to 02-03);
University of Toronto: Policy and Economics Analysis Program (2003-04), prorated 2/3-1/3

FIGURE 5.2

TUITION FEES
SELECTED PROGRAMS
ONTARIO UNIVERSITIES
1988-89 TO 2003-04

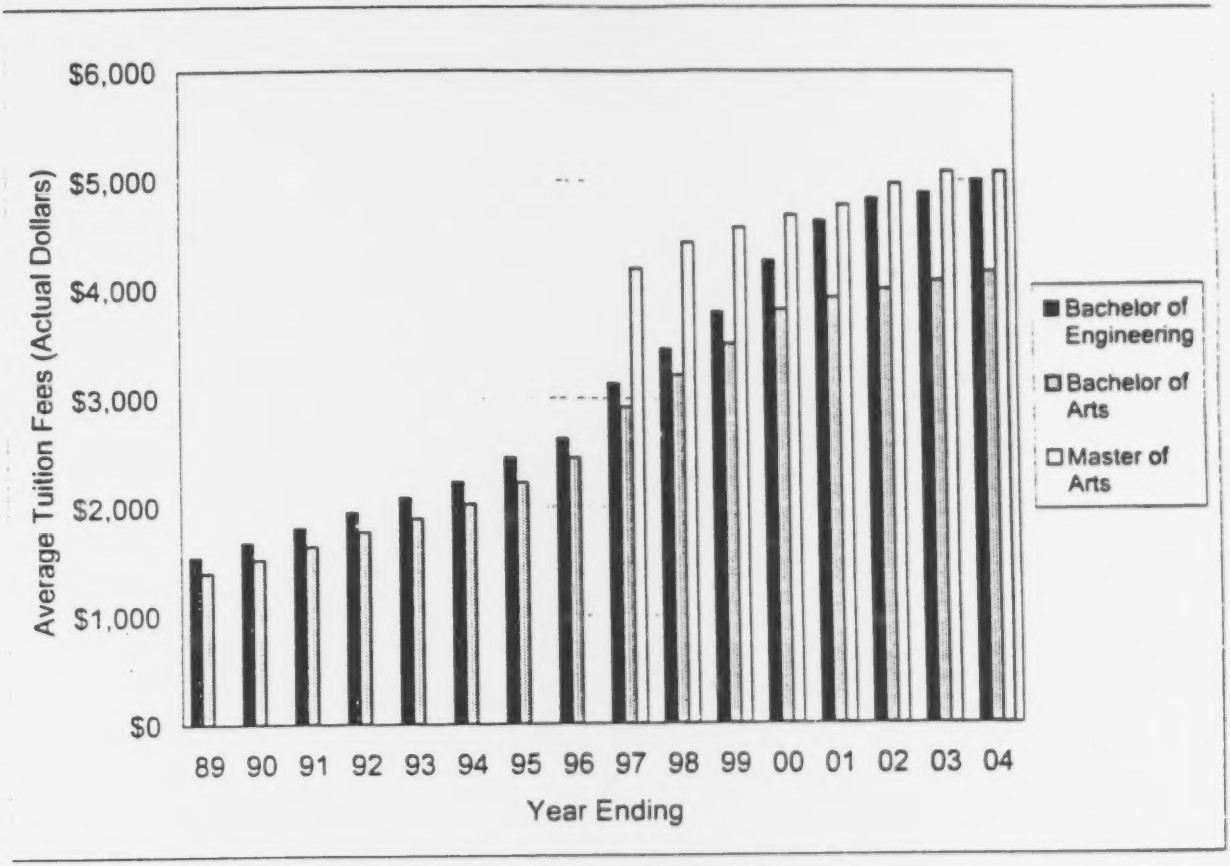


TABLE 5.3

INCREASE IN TUITION FEES
BACHELOR OF ARTS PROGRAMS
SELECTED CANADIAN UNIVERSITIES
1989-90 AND 2002-03
RATIO TO AVERAGE PERSONAL INCOME
2002-03

Province	Institution	Tuition Fees 1989-90	Tuition Fees 2002-03	Increase	2002 Provincial Average Personal Income	2002-03 Tuition / Average Personal Income
Newfoundland	Memorial University	$1,280	$2,670	109%	$22,613	11.8%
PEI	University of PEI	$1,720	$3,870	125%	$23,886	16.2%
Nova Scotia	Dalhousie University	$1,710	$4,860	184%	$25,156	19.3%
New Brunswick	University of New Brunswick	$1,875	$4,265	127%	$24,559	17.4%
Quebec	Concordia University	$450	$1,668	271%		
	Universite Laval	$550	$1,668	203%		
	McGill University	$570	$1,668	193%		
	Universite de Montreal	$540	$1,668	209%		
	Universite de Quebec	$500	$1,668	234%		
	Universite de Sherbrooke	$470	$1,668	255%		
	6-University Average	$513	$1,668	225%	$27,010	6.2%
Ontario	Carleton University	$1,517	$4,070	168%		
	University of Guelph	$1,518	$4,106	170%		
	McMaster University	$1,516	$4,032	166%		
	University of Ottawa	$1,517	$4,085	169%		
	Queen's University	$1,517	$4,111	171%		
	University of Toronto	$1,520	$4,107	170%		
	University of Waterloo	$1,518	$4,112	171%		
	University of Western Ontario	$1,517	$4,065	168%		
	York University	$1,517	$4,106	171%		
	9-University Average	$1,517	$4,088	169%	$30,849	13.3%
Manitoba	University of Manitoba	$1,332	$2,818	112%	$26,423	10.7%
Saskatchewan	University of Saskatchewan	$1,344	$4,128	207%	$23,401	17.6%
Alberta	University of Alberta	$1,069	$4,032	277%		
	University of Calgary	$1,016	$4,120	306%		
	2-University Average	$1,043	$4,076	291%	$31,973	12.7%
British Columbia	University of British Columbia	$1,605	$2,661	66%		
	Simon Fraser University	$1,560	$2,853	83%		
	University of Victoria	$1,545	$2,796	81%		
	3-University Average	$1,570	$2,770	76%	$27,036	10.2%

Notes: Fees are for full-time Canadian students.
Average rows are not weighted by enrolment of individual institutions.
Universities are selected according to the following criteria:
- at least one university from each province,
- all universities with 500 or more full-time teaching staff in 1996-97.

Sources: Tuition: Tuition and Living Accomodation Costs at Canadian Universities, 2002-03, Statistics Canada.
Personal Income: Statistics Canada, 13-213-PIB, Provincial Economic Accounts

FIGURE 5.3

RATIO OF TUITION FEES
BACHELOR OF ARTS PROGRAMS
SELECTED CANADIAN UNIVERSITIES
TO AVERAGE PERSONAL INCOME
2002-03

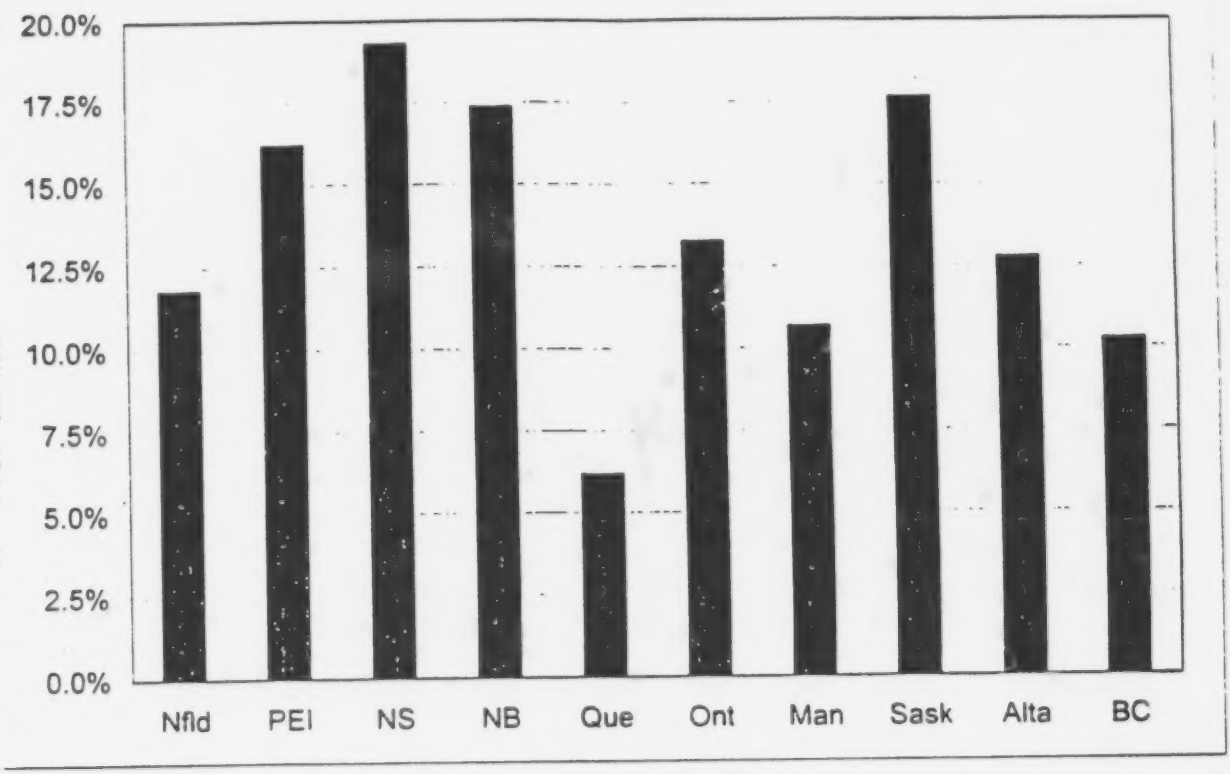


TABLE 5.4

TUITION PLUS REQUIRED FEES
RESEARCH AND DOCTORAL LEVEL UNIVERSITIES
ONTARIO AND AMERICAN GREAT LAKES STATES
COMPARED TO AVERAGE PERSONAL INCOME

	2003-04 Tuition + Required Fees			2002 Average Personal Income	2003-04 Avg Tuition + Reqd Fees / Avg Pers Inc
	Min	Avg	Max		
Ontario Universities	$4,352	$4,473	$4,686	$30,849	14.5%
Great Lakes States - Public Universities					
Illinois	$5,164	$6,032	$7,010	33,320	18.1%
Indiana	$5,422	$5,910	$6,517	28,233	20.9%
Michigan	$5,190	$6,494	$7,895	30,222	21.5%
Minnesota	$7,116	$7,116	$7,116	33,895	21.0%
New York	$4,420	$5,302	$5,856	35,708	14.8%
Ohio	$5,472	$6,931	$8,424	29,317	23.6%
Pennsylvania	$5,785	$8,340	$9,706	31,663	26.3%
Wisconsin	$5,104	$5,120	$5,136	29,996	17.1%
Total	$4,420	$6,406	$9,706	$31,544	20.3%
Great Lakes States - Private Universities					
Illinois	$18,912	$23,612	$29,238	$33,320	70.9%
Indiana	$27,612	$27,612	$27,612	$28,233	97.8%
Michigan	$14,570	$16,885	$19,200	$30,222	55.9%
New York	$10,778	$23,702	$31,866	$35,708	66.4%
Ohio	$9,030	$16,686	$24,342	$29,317	56.9%
Pennsylvania	$19,425	$24,919	$29,318	$31,663	78.7%
Wisconsin	$20,724	$20,724	$20,724	$29,996	69.1%
Total	$9,030	$22,020	$31,866	$31,208	70.6%

Notes:

All Ontario data in $Cdn, all U.S. data in $US.
Ontario: full-time Bachelor of Arts tuition + compulsory ancillary fees retained by institution.
U.S.: full-time undergraduate in-state tuition + required fees.
Average tuition fees column is not weighted by enrolment of individual universities.
"Total" row for is average tuition fees not weighted by number of universities in each state.
"Total" row for average personal income is not weighted by population of each state.
Minnesota does not have any research or doctoral level private universities.

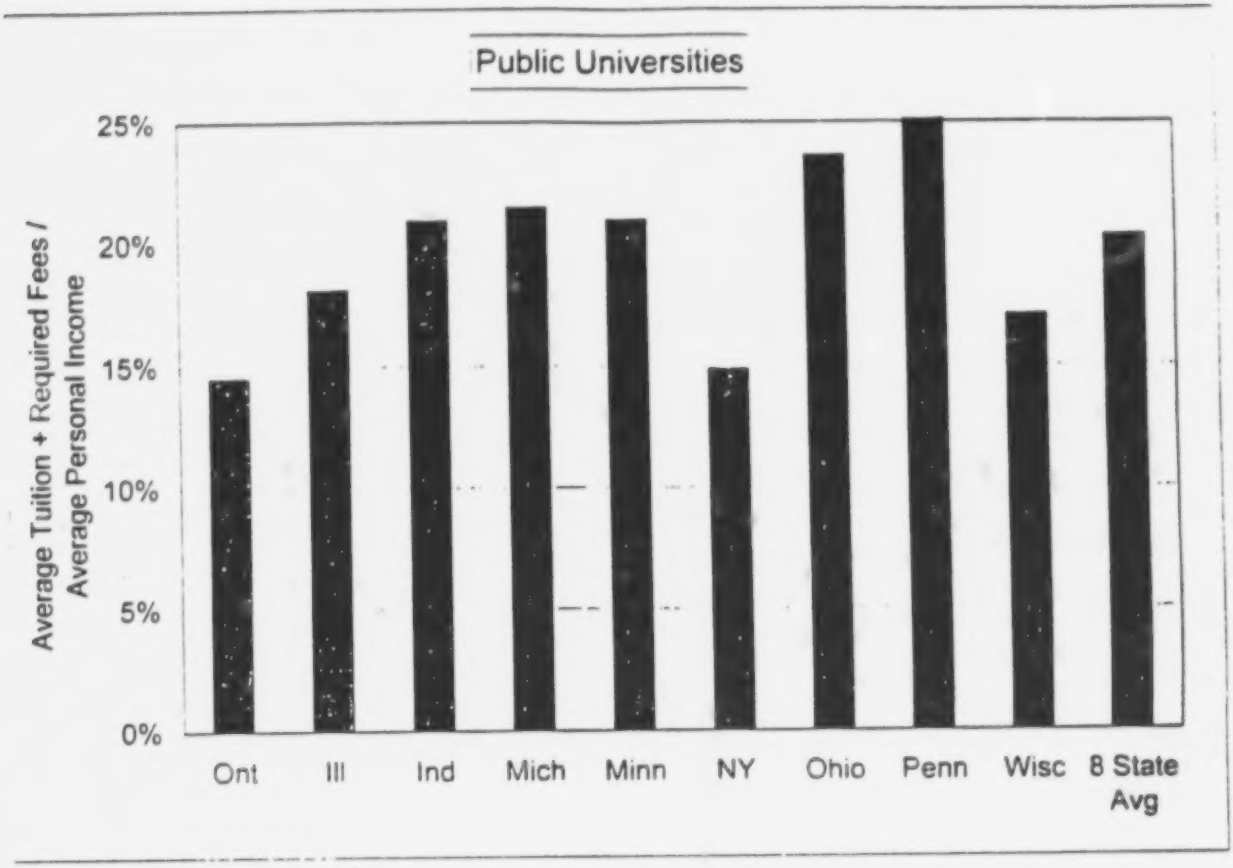
Sources:

Ontario tuition - Council of Ontario Universities.
U.S.A. tuition - Chronicle of Higher Education website
http://chronicle.com/stats/tuition/

Ontario personal income - see Resource Document, Table 5.1.
U.S.A. personal income - U.S. Bureau of Economic Analysis
http://www.bea.doc.gov/bea/regional/spi/

FIGURE 5.4

**TUITION PLUS REQUIRED FEES
FOR UNDERGRADUATE PROGRAMS
RESEARCH AND DOCTORAL LEVEL UNIVERSITIES
ONTARIO AND AMERICAN GREAT LAKES STATES
COMPARED WITH AVERAGE PERSONAL INCOME
2003-04**



Section 6

Student Financial Assistance

TABLE 6.1

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)
ONTARIO GOVERNMENT STUDENT SUPPORT PROGRAM
1987-88 TO 2003-04

		Actual $	Index of Actual $	Constant $ 2003-04	Index of Constant $ 2003-04
1987-88		$181,220,191	100.0	*$270,940,421*	100.0
1988-89		$185,163,933	102.2	*$265,891,963*	98.1
1989-90		$188,731,975	104.1	*$257,255,431*	94.9
1990-91		$203,434,746	112.3	*$263,897,604*	97.4
1991-92		$270,188,715	149.1	*$337,038,316*	124.4
1992-93		$327,021,357	180.5	*$401,045,743*	148.0
1993-94	(1)	$101,413,273	56.0	*$122,784,032*	45.3
1994-95		$139,711,970	77.1	*$168,164,190*	62.1
1995-96		$230,548,001	127.2	*$271,933,019*	100.4
1996-97	(2)	$327,704,527	180.8	*$379,640,468*	140.1
1997-98		$524,051,334	289.2	*$599,790,594*	221.4
1998-99		$629,770,777	347.5	*$713,515,268*	263.3
1999-00	(3)	$867,806,943	478.9	*$962,022,421*	355.1
2000-01	(4)	$571,734,354	315.5	*$616,108,124*	227.4
2001-02		$366,427,332	202.2	*$386,436,580*	142.6
2002-03		*$440,544,500*	*243.1*	*$451,117,568*	*166.5*
2003-04	(5)	*$307,993,400*	*170.0*	*$307,993,400*	*113.7*

Notes:

(1) Policy change to discontinue grants began in 1993-94.

(2) Ontario Student Opportunity Trust Fund (OSOTF) began in 1996-97, but is excluded from this table. The government's commitment to OSOTF was $39M in 1996-97, $110M in 1997-98, $90M in 1998-99, $56M in 1999-00 and $6 million in 2000-01.

(3) The increase in 1999-00 was mostly caused by the addition of $100 million in Millenium Foundation grants and the introduction of the Ontario Student Opportunity Grant.

(4) The $300 million decrease in 2000-01 was caused by:
   a. approximately $200 million due to the winding down of the loan forgiveness program that pertained only to loans issued between 1993-94 and 1997-98.
   b. $100 million because the Millenium Foundation grants were paid directly to students.

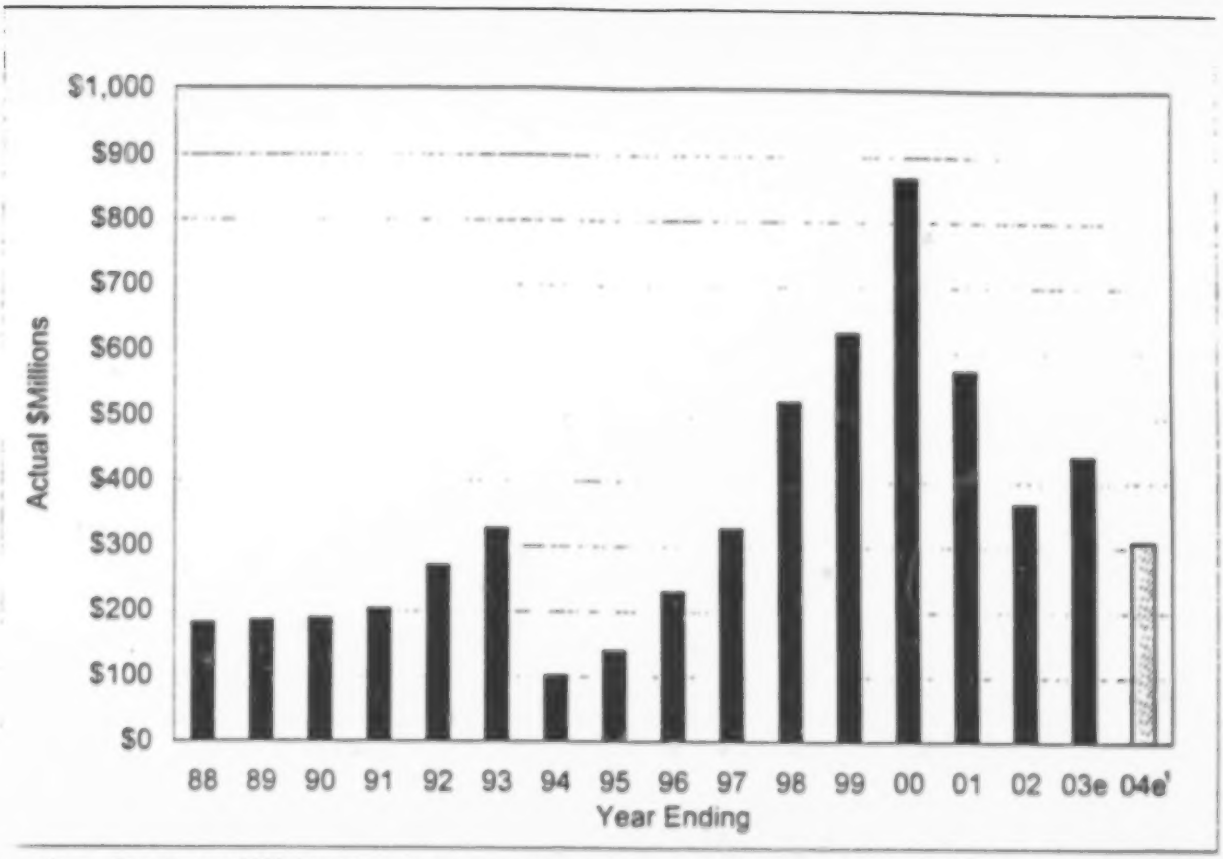
(5) Beginning in 2003-04, estimates are presented on the accrual basis rather than a modified cash basis. Totals for 2003-04 are not comparable with previous years.

- Figures include OSAP support for students in all three sectors: universities, colleges, and private vocational schools.

Sources: Public Accounts of Ontario, 1987-88 to 2001-02.
Expenditure Estimates of Ontario, 2002-03 and 2003-04.
CPI in 03-04 from calendar year estimates by the University of Toronto *Institute for Policy Analysis*, apportioned over the 2003-04 academic year.

FIGURE 6.1

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)
ONTARIO GOVERNMENT STUDENT SUPPORT PROGRAM
1987-88 TO 2003-04



(1) Beginning in 2003-04, estimates are presented on the accrual basis rather than a modified cash basis. Totals for 2003-04 are not comparable with previous years.

TABLE 6.2

SCHOLARSHIPS AND BURSARIES
COMPARED TO TOTAL UNIVERSITY EXPENDITURES AND ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

	Scholarships and Bursaries		Total University Expenditures			FTE Enrolment		Scholarships & Bursaries / FTE Enrolment	
	$000s	Index	$000s	Index	Ratio[1]	Enrolment	Index	$	Index
1987-88	$44,808	100.0	$2,797,926	100.0	1.60%	221,446	100.0	$202	100.0
1988-89	$45,378	101.3	$3,060,102	109.4	1.48%	230,357	104.0	$197	97.4
1989-90	$51,090	114.0	$3,386,936	121.1	1.51%	237,752	107.4	$215	106.2
1990-91	$58,636	130.9	$3,814,463	136.3	1.54%	246,628	111.4	$238	117.5
1991-92	$63,493	141.7	$4,106,965	146.8	1.55%	256,592	115.9	$247	122.3
1992-93	$71,036	158.5	$4,135,034	147.8	1.72%	261,380	118.0	$272	134.3
1993-94	$76,700	171.2	$4,246,101	151.8	1.81%	259,346	117.1	$296	146.2
1994-95	$86,232	192.4	$4,239,880	151.5	2.03%	256,753	115.9	$336	166.0
1995-96	$92,797	207.1	$4,254,001	152.0	2.18%	253,545	114.5	$366	180.9
1996-97	$101,888	227.4	$4,200,916	150.1	2.43%	249,294	112.6	$409	202.0
1997-98	$126,928	283.3	$4,351,437	155.5	2.92%	248,441	112.2	$511	252.5
1998-99	$169,326	377.9	$4,684,533	167.4	3.61%	249,984	112.9	$677	334.8
1999-00	$228,456	509.9	$5,148,459	184.0	4.44%	257,895	116.5	$886	437.8
2000-01	$278,005	620.4	$5,786,258	206.8	4.80%	257,895	116.5	$1,078	532.7
2001-02	$334,216	745.9	$6,500,513	232.3	5.14%	276,278	124.8	$1,210	597.9
2002-03	$384,896	859.0	$7,167,363	256.2	5.37%	298,286	134.7	$1,290	637.7

Notes: 1) Ratio of scholarships and bursaries to total university expenditures

Financial data: includes general + restricted funds, and affiliated and federated colleges.
FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (See Appendix A).

Sources: Financial data: COFO-UO, Financial Report of Ontario Universities.
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities.

FIGURE 6.2

SCHOLARSHIPS AND BURSARIES
COMPARED TO TOTAL UNIVERSITY EXPENDITURES AND ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

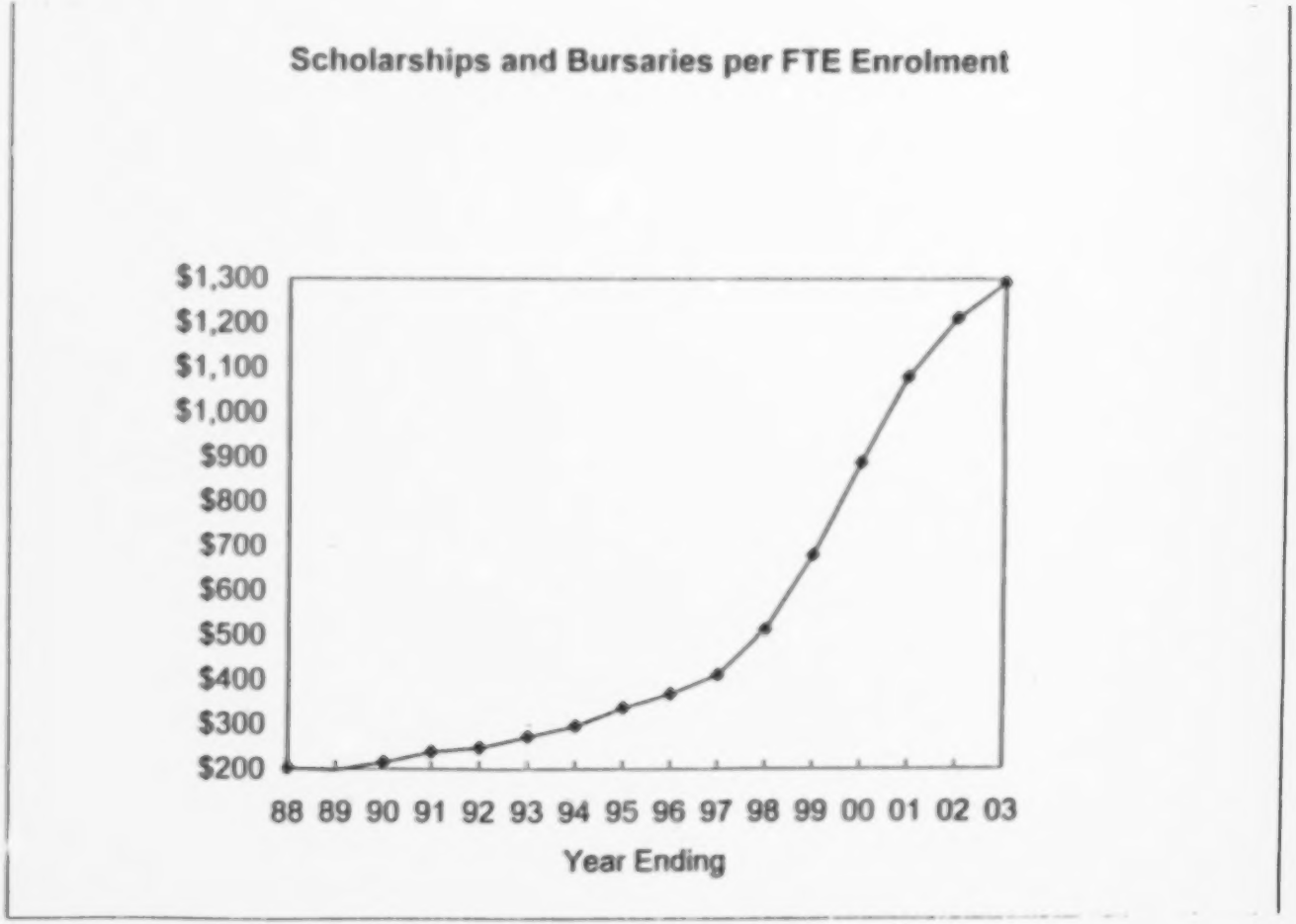


TABLE 6.3

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)
LOAN DEFAULT RATES BY SECTOR
1996 TO 2001

	Loans Issued (#)						Loans in Default (#)						Default Rates (%)					
	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1996	1997	1998	1999	2000	2001	1996	1997	1998	1999	2000	2001
University	26,198	33,101	34,579	33,802	30,218	25,110	3,024	4,595	4,237	2,855	2,140	1,851	11.5%	13.9%	12.3%	8.4%	7.1%	7.4%
College	26,281	34,237	36,722	35,559	31,567	27,373	5,596	9,410	9,315	7,132	5,419	4,793	21.3%	27.5%	25.4%	20.1%	17.2%	17.5%
PVS	9,580	12,049	18,552	21,453	16,783	13,463	2,913	4,635	6,408	6,648	4,844	3,598	30.4%	38.5%	34.5%	31.0%	28.9%	26.7%
Other	n.a.	n.a.	922	922	826	712	n.a.	n.a.	109	73	53	51	n.a.	n.a.	11.8%	7.9%	6.4%	7.2%
Total	62,059	79,387	90,775	91,736	79,394	66,658	11,533	18,640	20,069	16,708	12,456	10,293	18.6%	23.5%	22.1%	18.2%	15.7%	15.4%

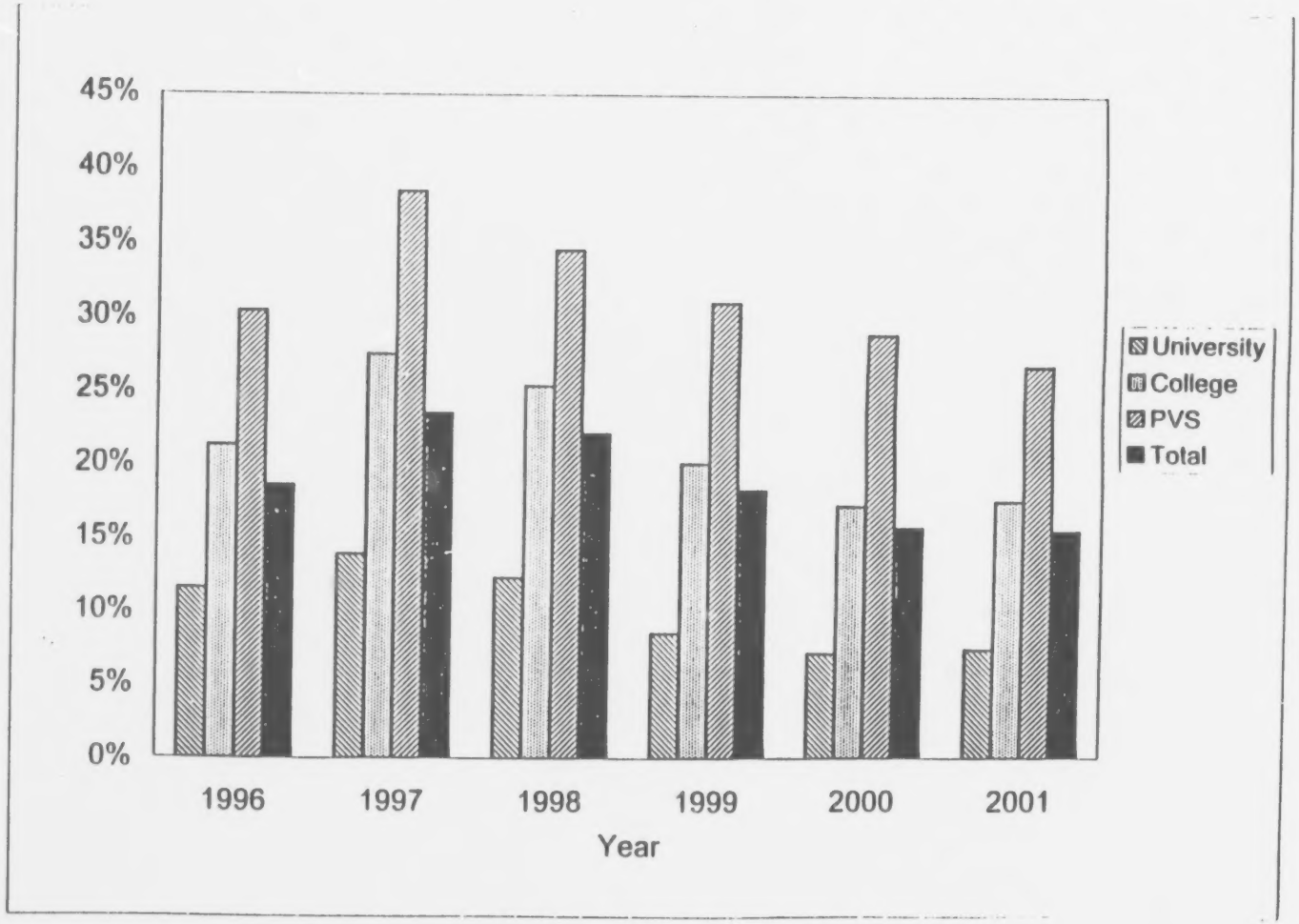
Notes:

PVS	Private Vocational School
Other	Other private and public postsecondary institutions in Ontario
Loans Issued	Number of Ontario Student Loan (OSL) recipients in year specified who were not OSL recipients in the following year
Loans in Default	Loan recipients in year beginning 3 years earlier (as defined in Loans Issued) who defaulted as of July of the year specified

Source: Ministry of Training, Colleges and Universities

FIGURE 6.3

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)
LOAN DEFAULT RATES BY SECTOR
1996 TO 2001



Section 7

University Infrastructure

TABLE 7.1

LIBRARY EXPENDITURES AND RELATED COMPARISONS ONTARIO UNIVERSITIES 1987-88 TO 2002-03

	Expenses in $000s				Indices				
	Library Acquisitions	Total Library	University Operating	FTE Enrolment	Library Acquisitions Expenses	Total Library Expenses	University Operating Expenses	FTE Enrolment	Price of Books and Periodicals
1987-88	$41,809	$133,885	$1,875,083	221,446	100.0	100.0	100.0	100.0	100.0
1988-89	$45,350	$139,689	$2,003,870	230,357	108.5	104.3	106.9	104.0	100.5
1989-90	$48,030	$151,607	$2,185,521	237,752	114.9	113.2	116.6	107.4	104.9
1990-91	$51,025	$163,992	$2,410,120	246,628	122.0	122.5	128.5	111.4	110.0
1991-92	$54,819	$179,219	$2,624,409	256,592	131.1	133.9	140.0	115.9	118.9
1992-93	$58,083	$189,811	$2,718,337	261,380	138.9	141.8	145.0	118.0	137.2
1993-94	$59,908	$188,135	$2,669,676	259,346	143.3	140.5	142.4	117.1	137.3
1994-95	$63,900	$189,234	$2,697,232	256,753	152.8	141.3	143.8	115.9	165.6
1995-96	$69,332	$195,808	$2,714,639	253,545	165.8	146.3	144.8	114.5	177.4
1996-97	$73,949	$192,106	$2,643,895	249,294	176.9	143.5	141.0	112.6	194.0
1997-98	$75,181	$192,152	$2,696,529	248,441	179.8	143.5	143.8	112.2	212.7
1998-99	$81,568	$203,919	$2,931,432	249,984	195.1	152.3	156.3	112.9	208.4
1999-00	$83,960	$208,275	$3,192,719	257,895	200.8	155.6	170.3	116.5	216.9
2000-01	$83,371	$206,487	$3,357,730	263,989	199.4	154.2	179.1	119.2	232.5
2001-02	$91,733	$214,980	$3,498,997	276,278	219.4	160.6	186.6	124.8	
2002-03	$97,164	$233,331	$3,907,302	298,286	232.4	174.3	208.4	134.7	

Notes: Affiliated and federated colleges included. Expenditures from general operating funds.
FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (see Appendix A).

The library component of the Ontario Universities Non-Salary Price Index (OUNSPI) was revised in 2002 to include additional sub-indices and to change the source for periodical information. For 1999 and 2000 a weighted average of the price changes indicated by the new methodology was applied to the old library acquisition series. The year 1999-00 was revised from last year to reflect changes.

Sources: Expenditures: COFO-UO, Financial Report of Ontario Universities.
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities.
Price of Books and Periodicals: Resource Document, Appendix E.

FIGURE 7.1

LIBRARY EXPENDITURES
AND RELATED COMPARISONS
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

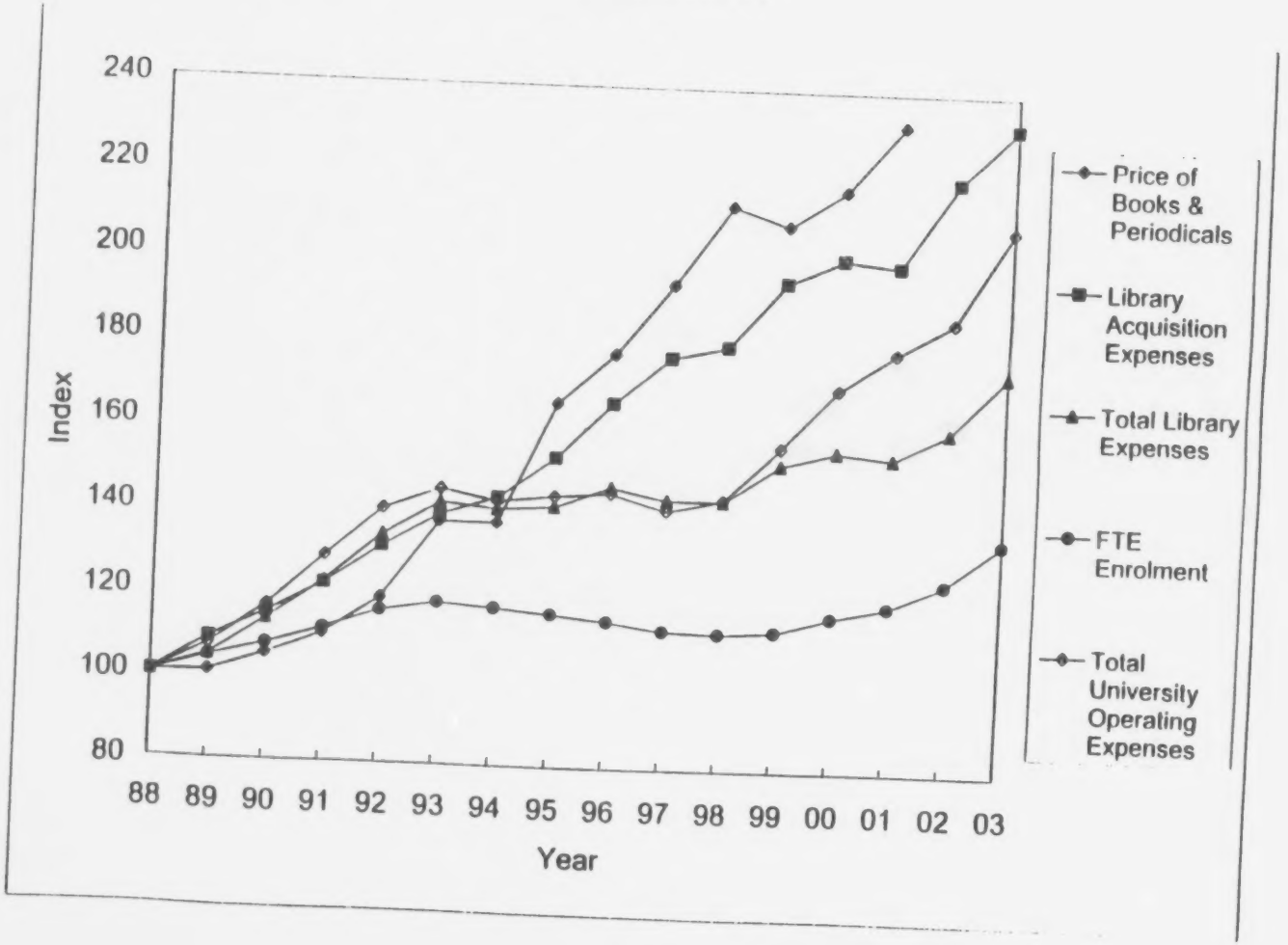


TABLE 7.2

MINISTRY OF TRAINING, COLLEGES AND UNIVERSITIES (MTCU) CAPITAL FUNDING COMPARED TO CAPITAL EXPENDITURES AT ONTARIO UNIVERSITIES 1987-88 TO 2001-02

	MTCU Capital Funding ($000s)		University Capital Expenditures ($000s)								MTCU Share of University Capital Expenses
			Buildings, Land and Site Services			Renovations & Alterations			Total		
	Actual $	Constant $	Actual $	Constant $	%	Actual $	Constant $	%	Actual $	Constant $	
1987-88	$60,653	$80,758	$65,353	$87,016	63.2%	$37,988	$50,580	36.8%	$103,341	$137,595	58.7%
1988-89	$72,700	$91,786	$82,205	$103,787	63.3%	$47,757	$60,295	36.7%	$129,962	$164,082	55.9%
1989-90	$77,700	$94,841	$125,189	$152,807	73.3%	$45,597	$55,656	26.7%	$170,786	$208,463	45.5%
1990-91	$77,700	$92,580	$185,001	$220,431	69.1%	$82,826	$98,688	30.9%	$267,827	$319,119	29.0%
1991-92	$124,557	$151,382	$187,081	$227,370	65.4%	$99,039	$120,368	34.6%	$286,120	$347,738	43.5%
1992-93	$83,967	$102,595	$97,485	$119,111	62.4%	$58,766	$71,803	37.6%	$156,251	$190,914	53.7%
1993-94	$72,065	$86,547	$115,346	$138,527	63.5%	$66,301	$79,626	36.5%	$181,647	$218,153	39.7%
1994-95	$39,844	$46,334	$69,700	$81,054	57.8%	$50,984	$59,289	42.2%	$120,684	$140,343	33.0%
1995-96	$51,466	$58,057	$53,187	$59,998	42.5%	$71,934	$81,146	57.5%	$125,121	$141,144	41.1%
1996-97	$33,871	$37,714	$55,334	$61,613	52.8%	$49,417	$55,024	47.2%	$104,751	$116,637	32.3%
1997-98	$36,932	$40,154	$49,265	$53,563	42.5%	$66,644	$72,458	57.5%	$115,909	$126,021	31.9%
1998-99	$35,440	$37,852	$84,102	$89,826	51.9%	$77,853	$83,152	48.1%	$161,955	$172,978	21.9%
1999-00	$604,838	$635,786	$84,014	$88,313	38.2%	$136,198	$143,167	61.8%	$220,212	$231,480	274.7%
2000-01	$94,108	$96,161	$194,818	$199,068	51.0%	$186,884	$190,961	49.0%	$381,702	$390,029	24.7%
2001-02	$27,700	$27,700	$218,437	$218,437	51.1%	$209,122	$209,122	48.9%	$427,559	$427,559	6.5%
									Mean 87/88 to 01/02 =		52.8%

Notes: Expenditures: General plus restricted funds. Excludes ancillary funds. Includes affiliated and federated colleges.
Constant dollars are expressed in terms of 2001-02 dollars based on OUNSPI Renovation Index.
MTCU share can be over 100% because the related expenses may be realized over several years.
Mean MTCU share of university capital expenses is unweighted.

Sources: Funding: Ministry of Training, Colleges and Universities, Universities Branch.
Expenditures: COFO-UO, Financial Report of Ontario Universities.

FIGURE 7.2

MINISTRY OF TRAINING, COLLEGES AND UNIVERSITIES CAPITAL FUNDING
COMPARED TO CAPITAL EXPENDITURES AT
ONTARIO UNIVERSITIES
1987-88 TO 2001-02

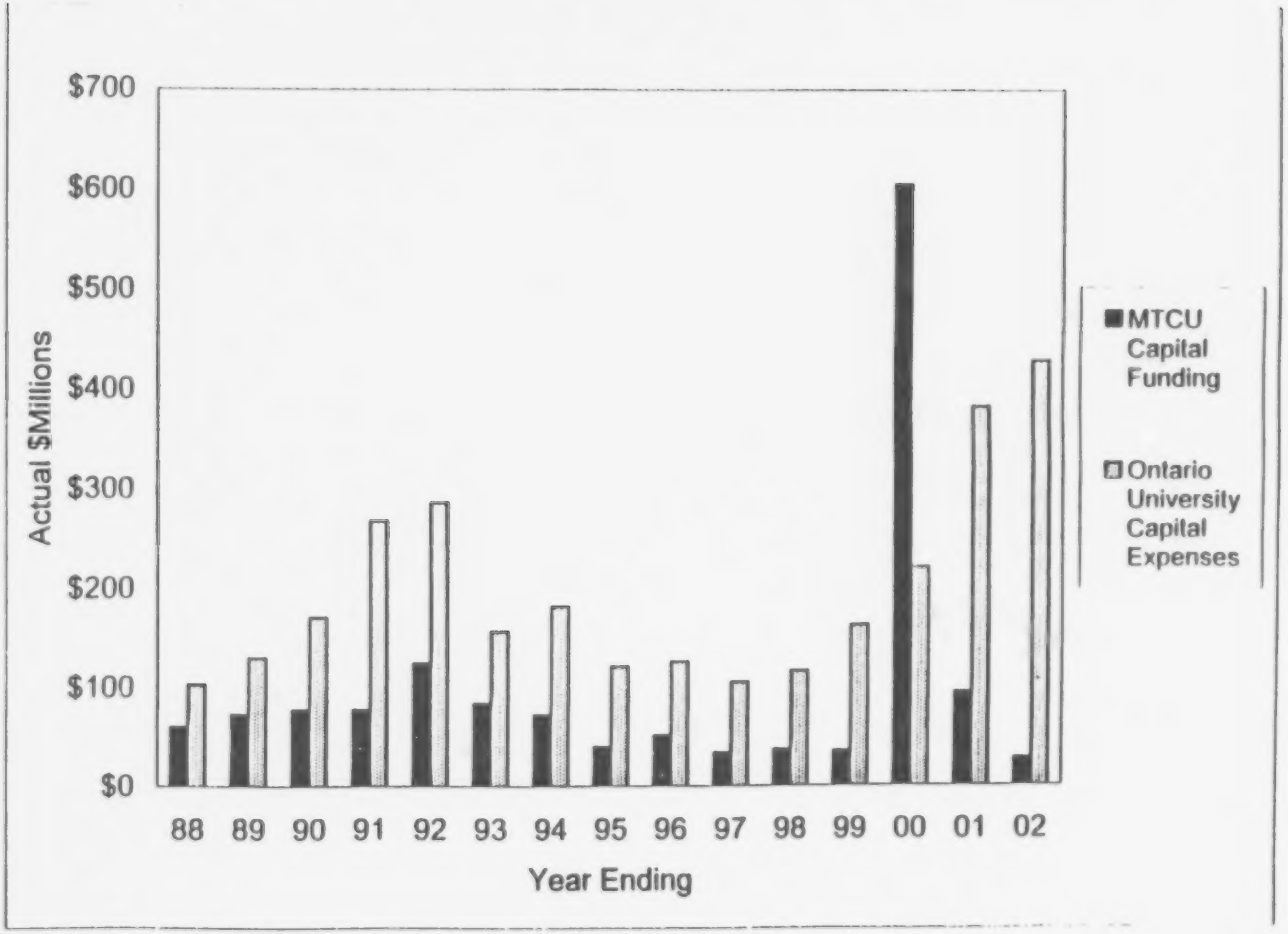


TABLE 7.3

UNIVERSITY CAPITAL EXPENDITURES
PER FTE ENROLMENT
PROVINCIAL COMPARISON
1988-89 TO 2001-02

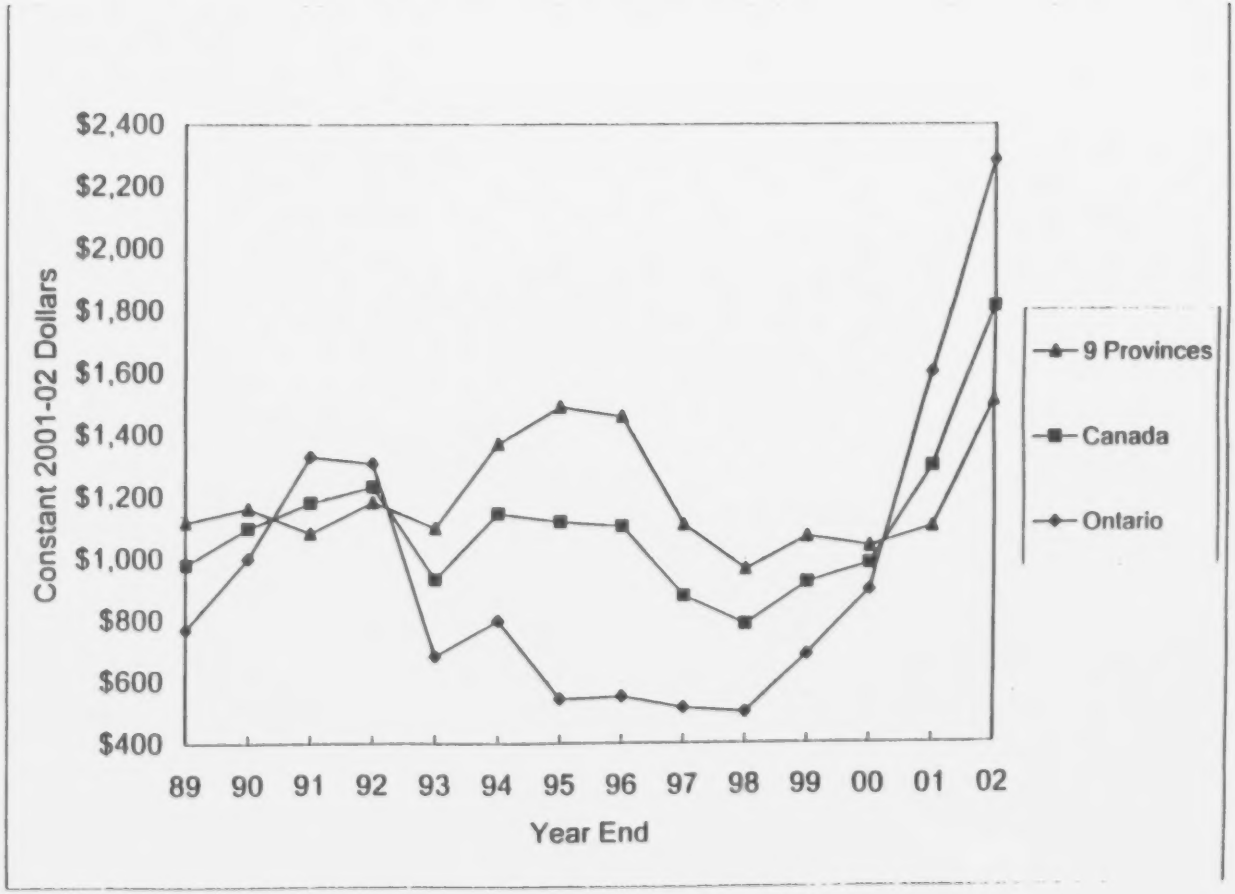
	Constant 2001-02 Dollars														10-Year	
	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	Average	Rank
Newfoundland	$2,208	$912	$764	$1,181	$733	$343	$740	$573	$396	$602	$274	$1,237	$1,488	$1,354	$772	(9)
P E I	$1,618	$2,932	$736	$193	$547	$61	$111	$83	$114	$0	$632	$669	$442	$1,156	$392	(10)
Nova Scotia	$969	$453	$186	$293	$305	$530	$512	$721	$1,251	$488	$1,011	$1,066	$1,320	$1,935	$913	(7)
New Brunswick	$790	$221	$247	$602	$894	$1,202	$1,231	$981	$600	$637	$672	$968	$1,005	$626	$885	(8)
Quebec	$745	$906	$1,053	$1,116	$917	$1,266	$1,424	$1,642	$1,075	$1,203	$1,336	$724	$445	$873	$1,091	(4)
Manitoba	$467	$306	$433	$589	$478	$561	$785	$1,407	$1,150	$548	$1,575	$1,181	$828	$1,287	$977	(5)
Saskatchewan	$1,527	$3,700	$1,973	$635	$475	$591	$584	$803	$1,103	$463	$272	$1,815	$2,442	$3,857	$1,255	(3)
Alberta	$1,459	$1,721	$1,495	$1,051	$1,267	$1,112	$910	$791	$655	$697	$909	$1,626	$2,247	$2,147	$1,266	(2)
British Columbia	$2,050	$1,324	$1,578	$2,938	$2,838	$3,720	$4,009	$2,799	$1,943	$1,463	$1,014	$855	$1,054	$1,707	$2,071	(1)
9 Provinces	$1,116	$1,163	$1,082	$1,182	$1,098	$1,370	$1,488	$1,457	$1,108	$964	$1,069	$1,038	$1,101	$1,506	$1,222	
Difference from Ont	$348	$163	-$247	-$126	$418	$573	$947	$907	$594	$465	$384	$141	-$499	-$776	$303	
Ontario	$768	$1,000	$1,329	$1,308	$680	$797	$542	$549	$513	$500	$685	$897	$1,600	$2,282	$919	(6)
Canada	$979	$1,099	$1,180	$1,232	$932	$1,145	$1,118	$1,103	$878	$785	$921	$983	$1,296	$1,811	$1,103	
Difference from Ont	$211	$98	-$149	-$76	$252	$348	$576	$553	$365	$285	$236	$86	-$303	-$471	$184	

Notes: Expenditures: Total funds spent on renovations & alterations + buildings + land & site services. Excludes capital expenditures in the ancillary fund.
All expenditures are in 2001-02 dollars.
FTE Enrolment: full-time enrolment + (part-time enrolment / 3.5), undergraduate + graduate.
Ratio: 10-year average = sum of 10-year expenses in constant 2001-02 dollars / sum of 10-year FTE enrolment.

Sources: Expenditures: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges.
Full time and part-time enrolment: Statistics Canada.

FIGURE 7.3

UNIVERSITY CAPITAL EXPENDITURES
PER FTE ENROLMENT
PROVINCIAL COMPARISON
1988-89 TO 2001-02



Note: excludes capital expenditures in the ancillary fund.

TABLE 7.4

UNIVERSITY CAPITAL AND PLANT RELATED INDICATORS
PROVINCIAL COMPARISON
2001-02

	Income						Expenditures			
	Prov Govt Grant for Plant as a share of Total Plant Income		Prov Govt Grant for Plant as a share of Total University Income		Total Plant Income as a share of Total University Income		Total Capital Expenditures as a share of Total University Expenditures		Total Plant Expenditures as a share of Total University Expenditures	
	%	Rank	%	Rank	%	Rank	%	Rank	%	Rank
Newfoundland	28.0%	(10)	0.8%	(10)	3.0%	(8)	4.4%	(9)	3.7%	(9)
P.E.I.	46.2%	(9)	1.4%	(8)	3.1%	(7)	2.0%	(10)	2.1%	(10)
Nova Scotia	50.2%	(8)	1.0%	(9)	1.9%	(10)	5.1%	(6)	4.6%	(4)
New Brunswick	71.8%	(4)	1.8%	(7)	2.4%	(9)	6.2%	(4)	4.3%	(6)
Quebec	77.9%	(2)	6.2%	(1)	8.0%	(1)	5.5%	(5)	10.8%	(1)
Manitoba	66.8%	(6)	2.2%	(5)	3.3%	(6)	5.0%	(7)	4.0%	(8)
Saskatchewan	85.4%	(1)	2.2%	(4)	4.7%	(3)	6.9%	(2)	4.3%	(7)
Alberta	68.1%	(5)	4.0%	(2)	3.7%	(4)	6.5%	(3)	6.0%	(3)
British Columbia	72.2%	(3)	2.5%	(3)	5.1%	(2)	8.4%	(1)	8.6%	(2)
9 Provinces	74.2%		4.1%		5.5%		6.2%		7.9%	
Ontario	64.5%	(7)	2.2%	(5)	3.3%	(5)	5.0%	(8)	4.4%	(5)
Canada	71.5%		3.3%		4.7%		5.7%		6.5%	

Notes: Percentages are based on 10-year averages calculated in terms of constant 2001-02 dollars.
Capital Expenditures = Total Funds from all sources spent on Buildings + Renovations & Alterations + Land & Site Services.
Plant Income = Grants and related interest income for the purpose of capital expenditures on furniture & equipment, major renovations & alterations, space rental, buildings, and land & site services.
Total University Income & Expenditures = Total for General Operating + Special Purpose & Trust + Sponsored Research + Ancillary Enterprises + Plant

Source: Expenditures: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges.

TABLE 7.5

INVENTORY OF PHYSICAL SPACE COMPARED TO GENERATED SPACE ONTARIO UNIVERSITIES 1986-87 TO 2001-02

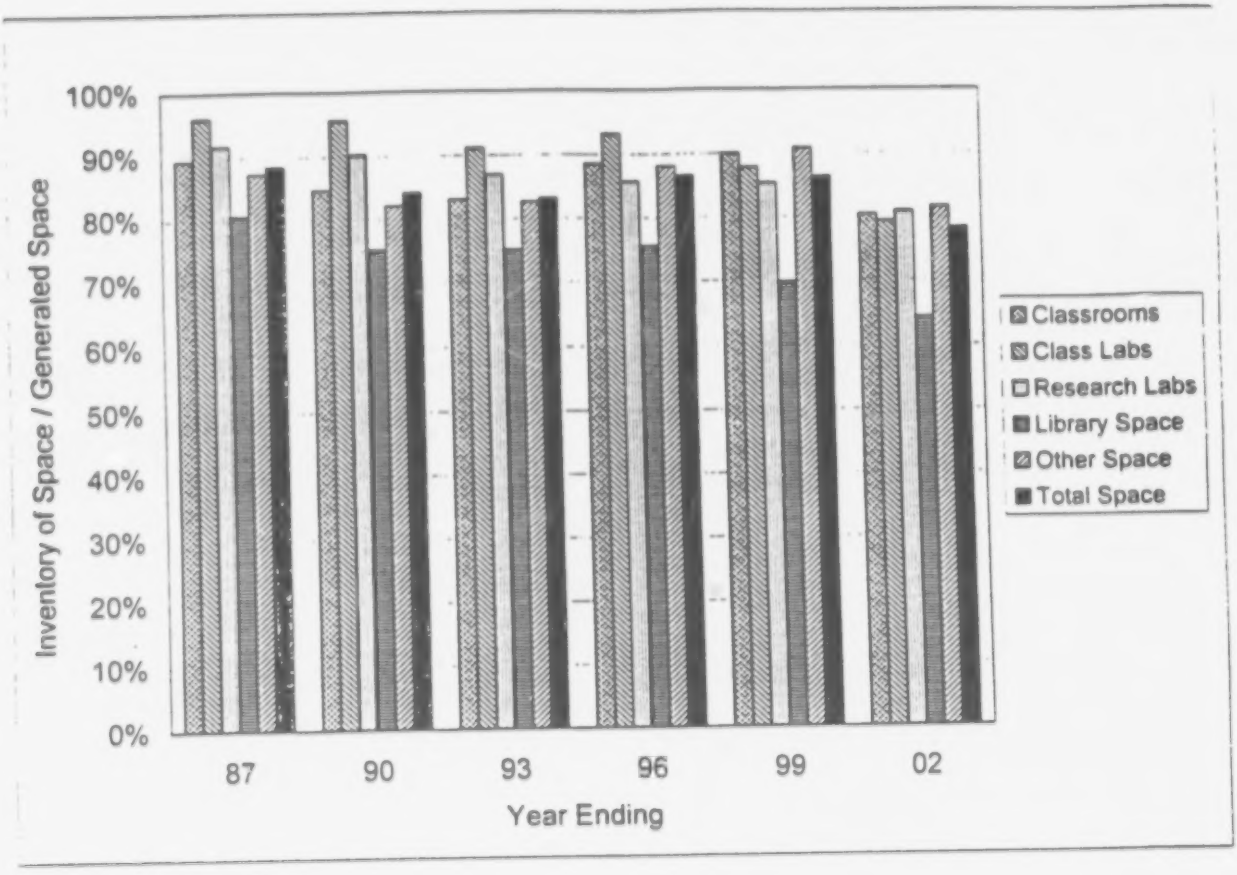
Category of Space	Year	Inventory of Space	Generated Space	Inventory/ Generated Space
Classrooms	1986-87	206,972	231,405	89.4%
	1989-90	218,568	258,220	84.6%
	1992-93	247,913	298,551	83.0%
	1995-96	256,078	289,317	88.5%
	1998-99	260,194	289,183	90.0%
	2001-02	265,015	329,986	80.3%
Class Labs	1986-87	311,046	323,758	96.1%
	1989-90	310,303	324,505	95.6%
	1992-93	326,451	358,283	91.1%
	1995-96	333,493	357,967	93.2%
	1998-99	325,353	370,708	87.8%
	2001-02	323,384	408,197	79.2%
Research Labs	1986-87	300,052	327,236	91.7%
	1989-90	318,474	352,848	90.3%
	1992-93	339,867	391,027	86.9%
	1995-96	345,662	403,446	85.7%
	1998-99	349,394	409,887	85.2%
	2001-02	367,422	454,829	80.8%
Library Space	1986-87	264,431	327,804	80.7%
	1989-90	280,579	373,000	75.2%
	1992-93	318,214	423,698	75.1%
	1995-96	326,963	432,638	75.6%
	1998-99	325,471	466,966	69.7%
	2001-02	343,363	534,670	64.2%
Other Space	1986-87	1,029,180	1,179,049	87.3%
	1989-90	1,073,550	1,307,765	82.1%
	1992-93	1,215,830	1,472,340	82.6%
	1995-96	1,263,359	1,435,180	88.0%
	1998-99	1,294,257	1,426,326	90.7%
	2001-02	1,314,370	1,613,076	81.5%
Total Space	1986-87	2,111,681	2,389,252	88.4%
	1989-90	2,201,474	2,616,338	84.1%
	1992-93	2,448,275	2,943,899	83.2%
	1995-96	2,525,555	2,918,548	86.5%
	1998-99	2,554,669	2,963,070	86.2%
	2001-02	2,613,554	3,340,758	78.2%

Source: COU Triennial Inventory of Physical Facilities of Ontario Universities

Notes: Space is measured in net assignable square meters.
"Generated Space" is calculated using established space standards -- "COU Building Blocks" -- which depend on category of space, program classification, and input measures (FTE enrolment, FTE faculty, FTE graduate students, weekly student contact hours, FTE non-academic staff, and library volumes).
"Other Space" is an aggregate of the following space categories: academic departmental offices and related space, athletic and recreational space, food services, bookstore and other merchandising facilities, plant maintenance, administrative office and related space, audio-visual and television facilities, central services, health service facilities, common use and student activity space, and assembly and exhibition space. Excluded are non-assignable space as well as the following non-formula space categories: residential space, animal space, other university facilities, and health science clinical facilities.

FIGURE 7.5

INVENTORY OF PHYSICAL SPACE
COMPARED TO GENERATED SPACE
ONTARIO UNIVERSITIES
1986-87 TO 2001-02



Section 8

Faculty and Staff

TABLE 8.1

**FACULTY AND STAFF
COMPARED TO ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2000-01**

						Index				
	Full-Time Faculty	FTE Part-Time Faculty	FTE Non-Academic Staff	FTE Faculty and Staff	FTE Enrolment	Full-Time Faculty	FTE Part-Time Faculty	FTE Non-Academic Staff	FTE Faculty and Staff	FTE Enrolment
1987-88	13,085	1,780	17,658	32,523	219,476	100 0	100 0	100 0	100 0	100 0
1988-89	13,372	1,874	18,004	33,249	228,421	102 2	105 3	102 0	102 2	104 1
1989-90	13,673	1,932	18,330	33,935	235,976	104 5	108 6	103 8	104 3	107 5
1990-91	13,717	1,924	18,626	34,267	244,777	104 8	108 1	105 5	105 4	111 5
1991-92	13,422	1,895	18,640	33,957	254,693	102 6	106 4	105 6	104 4	116 0
1992-93	13,347	1,951	18,473	33,772	259,490	102 0	109 6	104 6	103 8	118 2
1993-94	13,146	1,985	18,319	33,449	257,367	100 5	111 5	103 7	102 8	117 3
1994-95	12,792	1,937	17,823	32,552	254,824	97 8	108 8	100 9	100 1	116 1
1995-96	12,647	1,903	17,372	31,922	251,653	96 7	106 9	98 4	98 2	114 7
1996-97	11,755	1,861	15,882	29,498	247,348	89 8	104 6	89 9	90 7	112 7
1997-98	11,664	1,806	15,800	29,270	246,590	89 1	101 5	89 5	90 0	112 4
1998-99	11,747	1,785	15,750	29,282	248,362	89 8	100 3	89 2	90 0	113 2
1999-00	11,709	1,765	16,114	29,588	255,696	89 5	99 2	91 3	91 0	116 5
2000-01	11,733	1,786	16,716	30,235	261,876	89 7	100 3	94 7	93 0	119 3

Notes: Because counts of full-time faculty for OCAD are not available from Statistics Canada, in order to be consistent all data in this table are based on the 17 Ontario universities, with OCAD and Dominicain excluded. See notes to Table 8 5 for details on the methodology for counting full-time faculty. Because estimates of full-time faculty counts are used to compensate for occasional unreported data by specific universities in specific years, the counts in this table are, for some years, higher than those provided in COU's annual "Facts and Figures" report, where unreported counts are not estimated. Data for 1998-99 to 2000-01 is from Facts and Figures 2000.

Due to survey methodologies, the FTE Faculty and Staff column (the sum of the three previous columns) does not represent all faculty and staff employed by Ontario universities.

FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (see Appendix A).

Sources: Full-time faculty: Statistics Canada, Salaries and Salary Scales of Full-time Teaching Staff at Canadian Universities.
Part-time faculty: Council of Ontario Universities, Survey on Faculty Complements.
Non-academic staff: Council of Ontario Universities, Survey on Non-academic Employees.
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities.

FIGURE 8.1

FACULTY AND STAFF
COMPARED TO ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2000-01

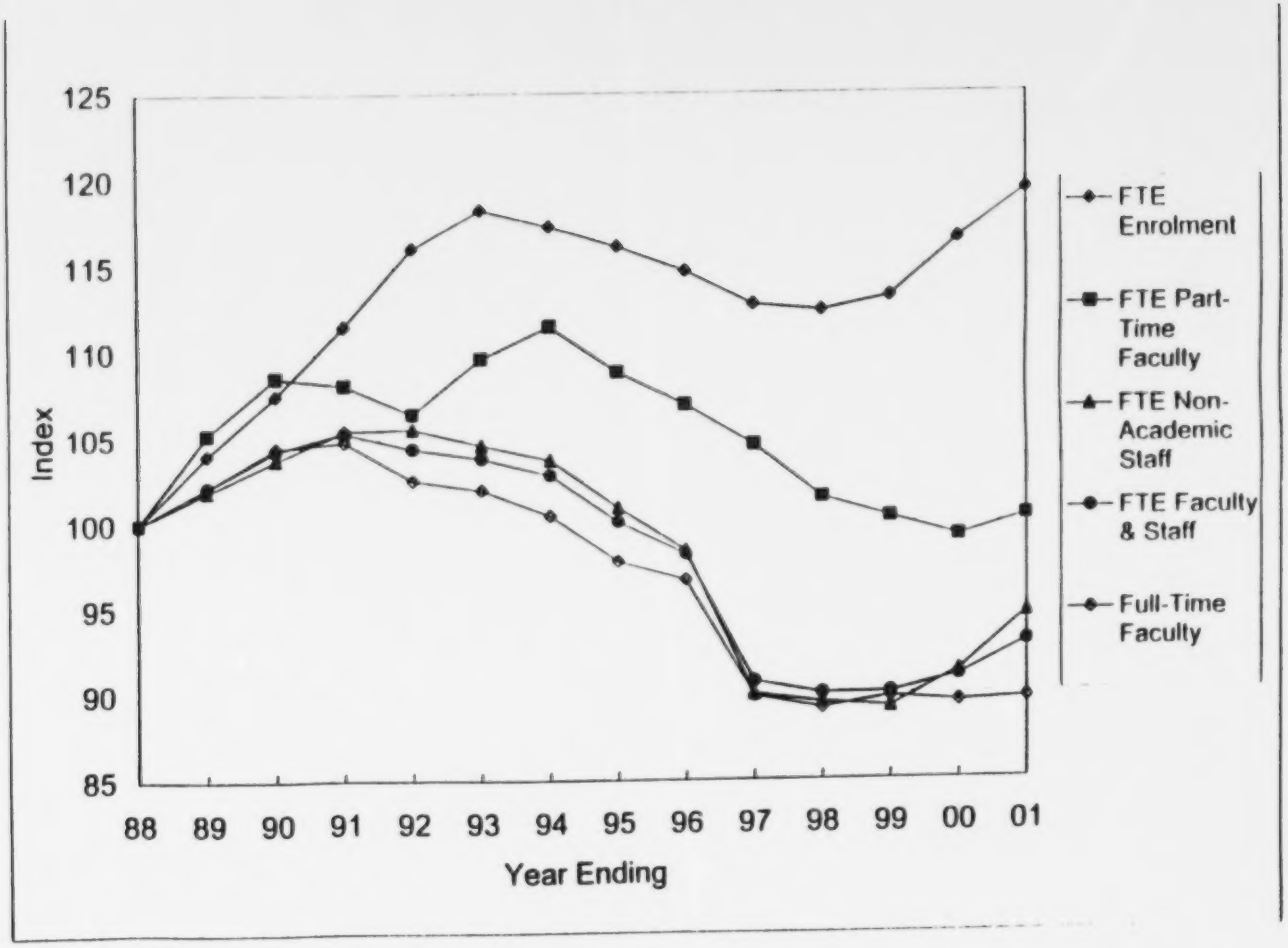


TABLE 8.2

SALARIES AND WAGES
COMPARED TO ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

	Actual $000s				Constant 2002-03 $000s			
	Academic Ranks	Other Instruction & Research	Non-Academic Staff	Total	Academic Ranks	Other Instruction & Research	Non-Academic Staff	Total
1987-88	$727,439	$72,417	$530,099	$1,329,955	$1,062,096	$105,732	$773,970	$1,941,799
1988-89	$781,634	$81,170	$572,376	$1,435,180	$1,096,105	$113,827	$802,658	$2,012,590
1989-90	$842,949	$91,461	$628,352	$1,562,762	$1,122,071	$121,746	$836,416	$2,080,233
1990-91	$913,361	$102,861	$690,116	$1,706,338	$1,157,052	$130,305	$874,244	$2,161,600
1991-92	$981,391	$135,875	$721,308	$1,838,574	$1,195,513	$165,520	$878,684	$2,239,717
1992-93	$1,007,737	$133,595	$757,344	$1,898,676	$1,206,883	$159,996	$907,008	$2,273,886
1993-94	$996,655	$136,466	$743,105	$1,876,226	$1,178,398	$161,351	$878,612	$2,218,361
1994-95	$975,524	$125,276	$762,671	$1,863,471	$1,146,669	$147,254	$896,473	$2,190,396
1995-96	$957,423	$121,537	$786,234	$1,865,194	$1,102,820	$139,994	$905,633	$2,148,447
1996-97	$917,717	$128,047	$745,324	$1,791,088	$1,038,243	$144,864	$843,209	$2,026,315
1997-98	$927,706	$122,406	$751,036	$1,801,148	$1,036,898	$136,813	$839,434	$2,013,146
1998-99	$937,117	$131,396	$856,142	$1,924,655	$1,036,847	$145,379	$947,254	$2,129,481
1999-00	$988,644	$140,050	$898,001	$2,026,695	$1,070,291	$151,616	$972,163	$2,194,070
2000-01	$1,036,505	$153,724	$940,493	$2,130,722	$1,090,772	$161,772	$989,733	$2,242,278
2001-02	$1,083,369	$165,472	$990,883	$2,239,724	$1,115,750	$170,418	$1,020,499	$2,306,667
2002-03	$1,157,912	$176,245	$1,069,906	$2,404,063	$1,157,912	$176,245	$1,069,906	$2,404,063

	Index of Constant 2002-03 Dollars					
	Academic Ranks	Other Instruction & Research	Non-Academic Staff	Total	FTE Enrolment	Index of FTE Enrolment
1987-88	100.0	100.0	100.0	100.0	221,446	100.0
1988-89	103.2	107.7	103.7	103.6	230,357	104.0
1989-90	105.6	115.1	108.1	107.1	237,752	107.4
1990-91	108.9	123.2	113.0	111.3	246,628	111.4
1991-92	112.6	156.5	113.5	115.3	256,592	115.9
1992-93	113.6	151.3	117.2	117.1	261,380	118.0
1993-94	111.0	152.6	113.5	114.2	259,346	117.1
1994-95	108.0	139.3	115.8	112.8	256,753	115.9
1995-96	103.8	132.4	117.0	110.6	253,545	114.5
1996-97	97.8	137.0	108.9	104.4	249,294	112.6
1997-98	97.6	129.4	108.5	103.7	248,441	112.2
1998-99	97.6	137.5	122.4	109.7	249,984	112.9
1999-00	100.8	143.4	125.6	113.0	257,895	116.5
2000-01	102.7	153.0	127.9	115.5	263,989	119.2
2001-02	105.1	161.2	131.9	118.8	276,278	124.8
2002-03	109.0	166.7	138.2	123.8	298,286	134.7

Notes: Affiliated and federated colleges included.
Salaries and Wages are for general operating funds.
FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (see Appendix A).
Total for "Other Instruction and Research" increased by $6.037m in 1998-99 to correct for a temporary accounting change at one institution. In addition, $7.0m was moved from Academic Ranks to "Other Instruction and Research" in 1999 to correct for an accounting error by one institution.

Starting in 1998-99, universities were required to report salaries and wages without the impact of external cost recoveries.

Sources: Salaries & Wages: COFO-UO, Financial Report of Ontario Universities.
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities.

FIGURE 8.2

SALARIES AND WAGES
COMPARED TO ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

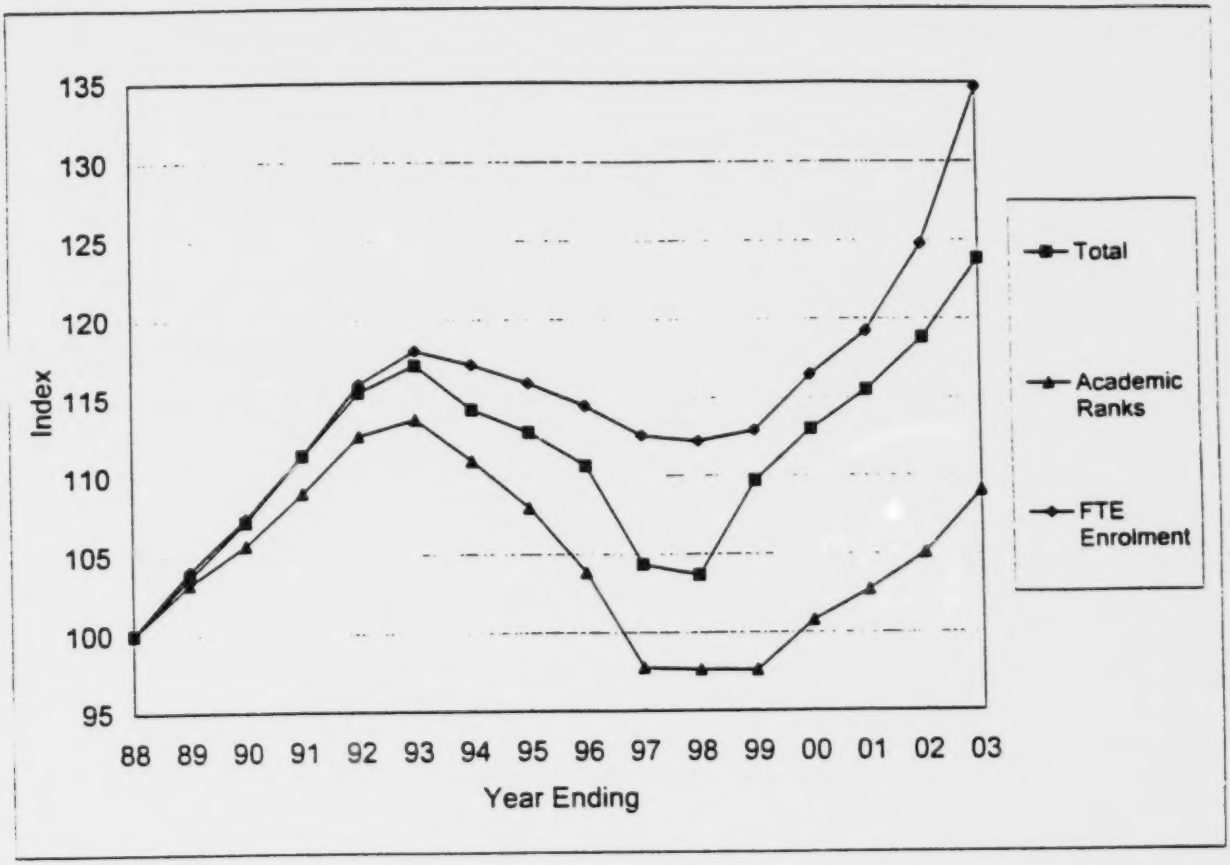


TABLE 8.3

EMPLOYEE BENEFIT COSTS
COMPARED TO SALARIES AND WAGES
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
Actual $000s																
Salaries & Wages	$1,296,233	$1,399,147	$1,524,064	$1,664,838	$1,794,632	$1,850,259	$1,830,350	$1,816,181	$1,817,554	$1,741,671	$1,750,717	$1,868,306	$1,973,748	$2,073,967	$2,179,995	$2,341,539
Statutory Benefits	$55,857	$58,180	$68,988	$92,054	$109,724	$118,624	$120,403	$123,115	$120,255	$121,242	$111,014	$126,904	$141,805	$150,538	$149,628	$193,641
Non-Statutory Benefits	$94,679	$101,570	$101,545	$125,761	$157,788	$171,750	$137,641	$146,672	$140,229	$133,906	$125,273	$116,559	$141,872	$157,577	$171,268	$296,183
Total Benefits	$150,536	$159,750	$170,533	$217,815	$267,512	$290,374	$258,044	$269,787	$260,484	$255,148	$236,287	$245,463	$283,677	$308,115	$320,894	$489,824
Total Salaries & Benefits	$1,446,769	$1,558,897	$1,694,597	$1,882,653	$2,062,144	$2,140,633	$2,088,394	$2,085,968	$2,078,038	$1,996,819	$1,987,004	$2,113,769	$2,257,425	$2,382,082	$2,500,889	$2,831,363
Constant 2002-03 $000s																
Salaries & Wages	$1,892,563	$1,962,060	$2,028,721	$2,109,028	$2,186,188	$2,215,901	$2,164,120	$2,134,809	$2,093,572	$1,970,408	$1,956,779	$2,067,135	$2,136,751	$2,182,552	$2,245,153	$2,341,539
Statutory Benefits	$81,554	$81,587	$91,832	$116,615	$133,664	$142,066	$142,359	$144,714	$138,517	$137,165	$124,081	$140,409	$153,516	$158,420	$154,098	$193,641
Non-Statutory Benefits	$138,236	$142,434	$135,169	$159,315	$192,214	$205,691	$162,740	$172,404	$161,525	$151,492	$140,018	$131,178	$153,589	$165,827	$176,387	$296,183
Total Benefits	$219,790	$224,022	$227,001	$275,930	$325,878	$347,757	$305,099	$317,118	$300,042	$288,657	$264,098	$271,586	$307,105	$324,247	$330,485	$489,824
Total Salaries & Benefits	$2,112,353	$2,186,081	$2,255,722	$2,384,957	$2,512,066	$2,563,658	$2,469,219	$2,451,927	$2,393,614	$2,259,065	$2,220,878	$2,338,721	$2,443,855	$2,506,798	$2,575,638	$2,831,363
Percent of Total																
Salaries & Wages	89.6%	89.8%	89.9%	88.4%	87.0%	86.4%	87.6%	87.1%	87.5%	87.2%	88.1%	88.4%	87.4%	87.1%	87.2%	82.7%
Statutory Benefits	3.9%	3.7%	4.1%	4.9%	5.3%	5.5%	5.8%	5.9%	5.8%	6.1%	5.6%	6.0%	6.3%	6.3%	6.0%	6.8%
Non-Statutory Benefits	6.5%	6.5%	6.0%	6.7%	7.7%	8.0%	6.6%	7.0%	6.7%	6.7%	6.3%	5.6%	6.3%	6.6%	6.8%	10.5%
Total Benefits	10.4%	10.2%	10.1%	11.6%	13.0%	13.6%	12.4%	12.9%	12.5%	12.8%	11.9%	11.6%	12.6%	12.9%	12.8%	17.3%
Total Salaries & Benefits	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Indices (based on constant 2001-02 dollars)																
Salaries & Wages	100.0	103.7	107.2	111.4	115.5	117.1	114.3	112.8	110.6	104.1	103.4	109.2	112.9	115.3	118.6	123.7
Statutory Benefits	100.0	100.0	112.6	143.0	163.9	174.2	174.6	177.4	169.8	168.2	152.1	172.2	188.2	194.3	189.0	237.4
Non-Statutory Benefits	100.0	103.0	97.8	115.2	139.0	148.8	117.7	124.7	116.8	109.6	101.3	94.9	111.1	120.0	127.6	214.3
Total Benefits	100.0	101.9	103.3	125.5	148.3	158.2	138.8	144.3	136.5	131.3	120.2	123.6	139.7	147.5	150.4	222.9
Total Salaries & Benefits	100.0	103.5	106.8	112.9	118.9	121.4	116.9	116.1	113.3	106.9	105.1	110.7	115.7	118.7	121.9	134.0

Notes: Statutory benefits are Employer Health Tax, Canada Pension, Workers Compensation, Employment Insurance
Non-Statutory benefits are Pension, Group Life Insurance, Long Term Disability, Dental Insurance, Extended Health Care, Tuition Remission, Other.
Affiliated and federated colleges excluded
Figures are for general operating funds

Sources: COFO-UO, Financial Report of Ontario Universities

FIGURE 8.3

EMPLOYEE BENEFIT COSTS
COMPARED WITH SALARIES AND WAGES
ONTARIO UNIVERSITIES
1987-88 TO 2002-03

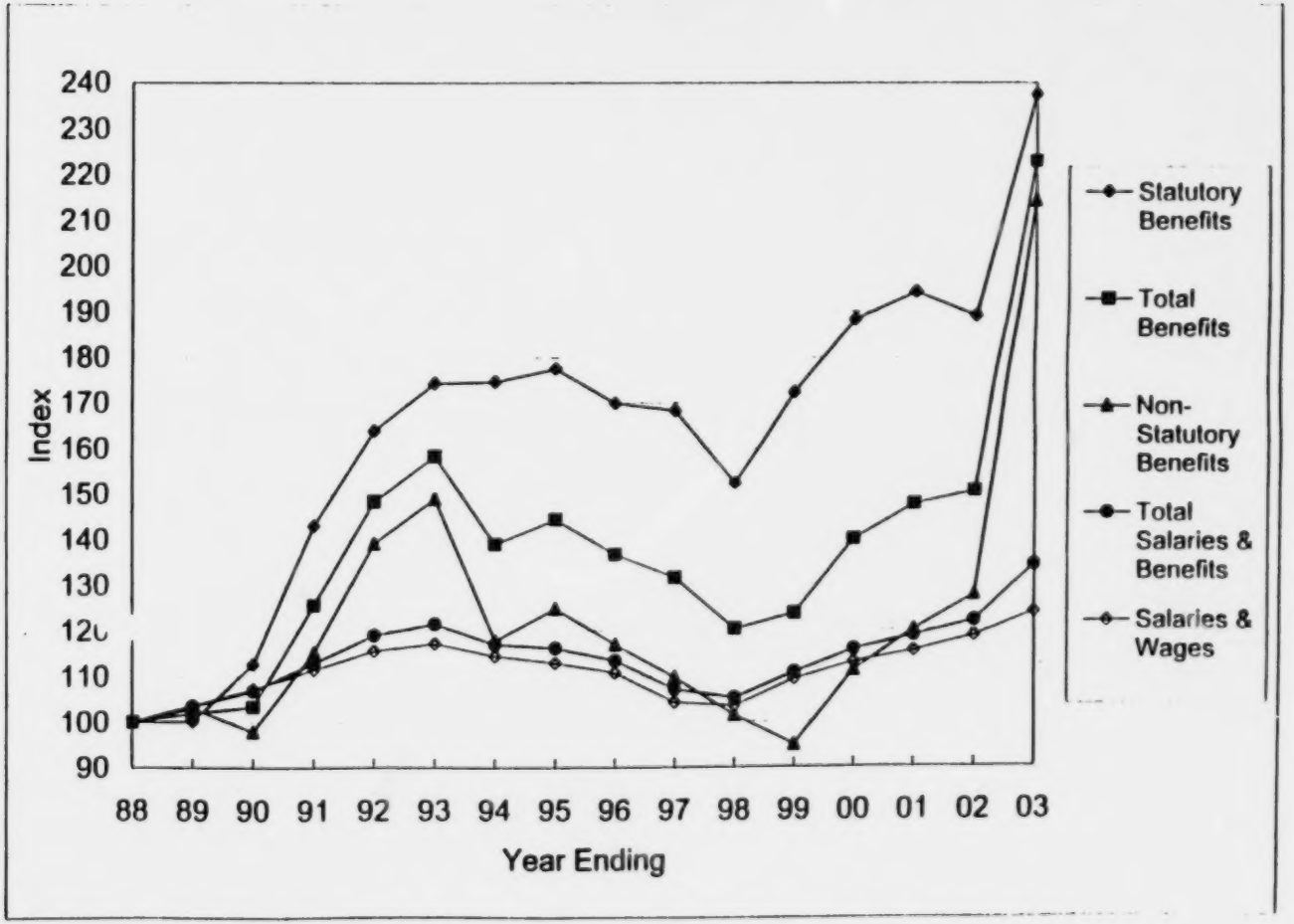


TABLE 8.4

AVERAGE CLASS SIZES FOR ELEMENTARY AND SECONDARY SCHOOLS STUDENT / TEACHER RATIOS FOR COLLEGES AND UNIVERSITIES ONTARIO 1987-88 TO 2001-02

	Elementary Schools		Secondary Schools		Community Colleges		Universities	
	Class Size	Index	Class Size	Index	Student / Faculty	Index	Student / Faculty	Index
1987-88					11.5	74.5	14.6	83.9
1988-89					11.3	73.1	14.9	85.6
1989-90	23.9	100.8			11.7	75.7	15.1	86.7
1990-91	23.5	99.2			12.4	80.4	15.7	89.8
1991-92	23.2	97.9			13.4	86.9	16.7	95.6
1992-93	23.4	98.7			14.4	93.4	17.1	98.3
1993-94	23.7	100.0	20.9	100.0	15.5	100.0	17.4	100.0
1994-95	24.3	102.5	21.5	102.9	16.2	104.8	17.8	102.3
1995-96	24.6	103.8	21.9	104.8	17.6	113.9	17.9	102.4
1996-97	24.9	105.1	21.4	102.4	20.1	129.9	19.1	109.7
1997-98	24.9	105.1	22.5	107.7	21.2	137.2	19.3	110.7
1998-99	24.4	103.0	21.5	102.9	22.0	142.0	19.4	111.2
1999-00	24.3	102.5	21.4	102.4	22.0	142.3	20.1	115.0
2000-01	24.1	101.7	20.4	97.6	22.0	142.0	20.5	117.5
2001-02	24.2	102.1	21.3	101.9	22.0	142.2	21.1	121.2

Notes:

Elementary & Secondary Schools: Average class size. Special education classes are excl
Figures are not available before 1989-90 for elementary and before 1993-94 for secondar
Community Colleges: Full-time post-secondary enrolment / full-time academic employees
Universities: Full-time enrolment / full-time faculty. Based on the 17 Ontario universities, w
OCAD excluded, since full-time faculty counts are not available for OCAD from Statistics (
Affiliates included and estimated where unavailable.
See notes to Table 8.5 for details on the methodology for counting full-time faculty.

Indices: Relative to 1993-94, the first year for which all four indicators are available.

Sources:

Elementary & Secondary Schools: Ministry of Education.
Community Colleges: Ministry of Training, Colleges and Universities; Ontario Council of R
Association of Colleges of Applied Arts and Technology of Ontario (ACAATO).
Universities: Enrolment from Ministry of Training, Colleges and Universities. Faculty from
Statistics Canada.

FIGURE 8.4

AVERAGE CLASS SIZES FOR ELEMENTARY AND SECONDARY SCHOOLS
STUDENT / FACULTY RATIOS FOR COLLEGES AND UNIVERSITIES
ONTARIO
1987-88 TO 2001-02

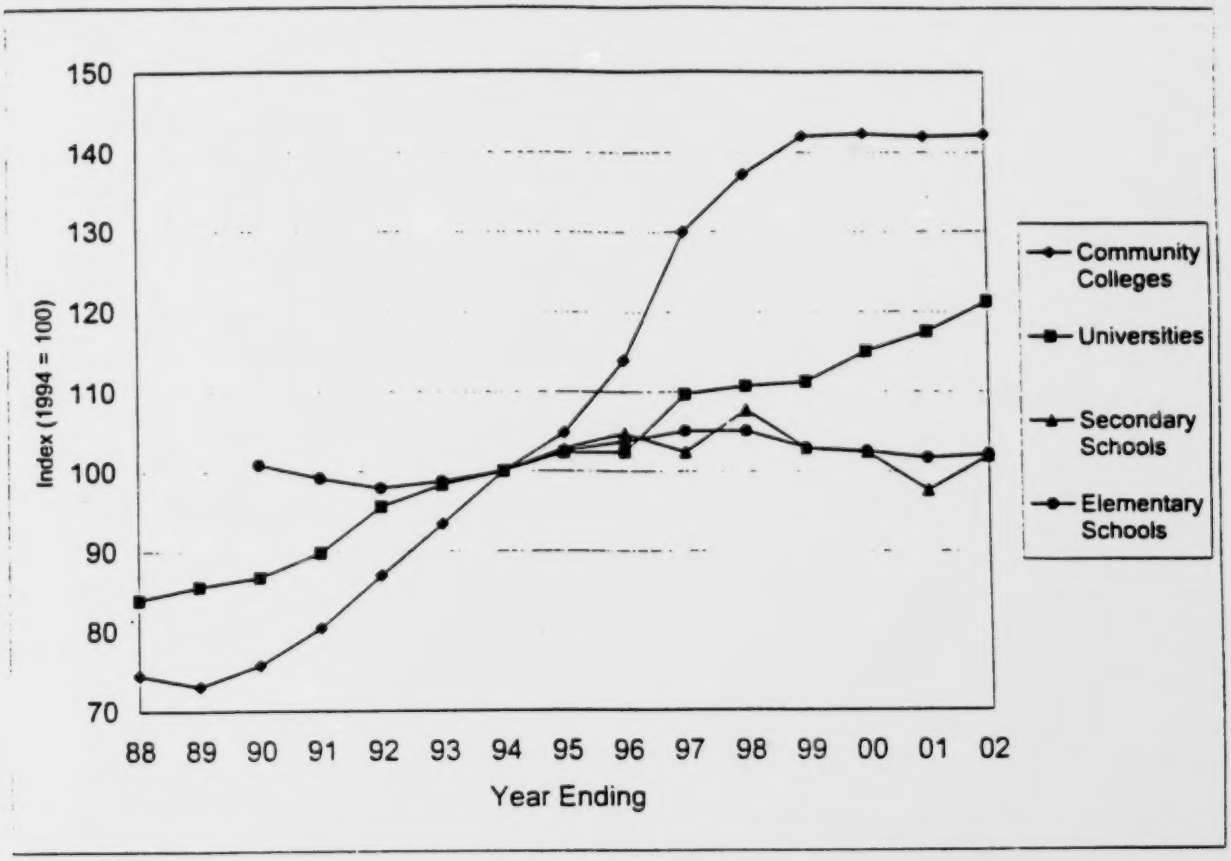


TABLE 8.5

FTE ENROLMENT PER FULL-TIME FACULTY
CANADIAN UNIVERSITIES
PROVINCIAL COMPARISON
1987-88 TO 1999-00

		1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
Newfoundland	Ratio	13.0	13.2	13.0	13.4	14.3	14.2	15.2	15.6	15.3	16.3	16.6	16.8	*16.6*
	Rank	(10)	(10)	(10)	(10)	(10)	(10)	(8)	(8)	(8)	(8)	(8)	(8)	*(7)*
P.E.I.	Ratio	16.6	15.7	14.6	15.8	16.9	17.0	14.9	14.0	14.0	12.9	14.5	14.6	*14.5*
	Rank	(3)	(3)	(6)	(4)	(4)	(5)	(9)	(10)	(10)	(10)	(10)	(10)	*(10)*
Nova Scotia	Ratio	13.4	13.5	14.1	14.2	15.6	16.1	16.2	16.5	16.7	17.1	17.4	17.3	*16.6*
	Rank	(9)	(9)	(9)	(9)	(8)	(7)	(6)	(6)	(6)	(7)	(7)	(7)	*(7)*
New Brunswick	Ratio	14.3	14.4	14.7	15.2	16.0	17.4	17.9	18.1	18.1	17.9	17.5	17.5	*17.5*
	Rank	(6)	(6)	(5)	(6)	(5)	(4)	(4)	(4)	(5)	(5)	(6)	(6)	*(6)*
Quebec	Ratio	19.0	19.3	19.3	19.1	19.2	19.2	19.1	18.7	18.4	18.6	19.6	20.2	*20.1*
	Rank	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(3)	(4)	(4)	(4)	(2)	*(2)*
Manitoba	Ratio	14.0	14.2	14.3	14.3	14.9	14.5	14.5	15.5	15.2	16.1	16.5	15.8	*16.4*
	Rank	(7)	(7)	(8)	(8)	(9)	(9)	(10)	(9)	(9)	(9)	(9)	(9)	*(9)*
Saskatchewan	Ratio	15.6	15.5	15.9	16.4	18.0	18.4	18.8	19.1	19.6	19.6	19.8	19.7	*19.3*
	Rank	(5)	(4)	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(3)	(2)	(3)	*(4)*
Alberta	Ratio	16.4	15.4	15.8	15.8	16.0	16.7	17.3	17.8	19.0	20.6	19.7	19.5	*19.9*
	Rank	(4)	(5)	(4)	(4)	(5)	(6)	(5)	(5)	(3)	(2)	(3)	(4)	*(3)*
British Columbia	Ratio	13.9	14.2	14.4	14.8	16.0	15.9	16.0	16.2	16.7	17.3	18.0	18.8	*19.1*
	Rank	(8)	(7)	(7)	(7)	(5)	(8)	(7)	(7)	(6)	(6)	(5)	(5)	*(5)*
9 Provinces	Ratio	16.2	16.3	16.4	16.5	17.2	17.4	17.6	17.6	17.7	18.2	18.7	19.0	*19.0*
Ontario	Ratio	16.8	17.1	17.3	17.8	19.0	19.4	19.6	19.9	19.9	21.0	21.1	21.3	*21.9*
	Rank	(2)	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*(1)*
Canada	Ratio	16.4	16.6	16.8	17.0	17.9	18.2	18.3	18.4	18.5	19.2	19.6	19.8	*20.0*

Notes:

Student / faculty ratios are based on a set of 48 "core" universities in Canada; the same 48 universities that are included in Maclean's magazine's annual ranking of Canadian universities.

FTE enrolment = full-time enrolment + part-time enrolment/3.5.

Full-time faculty counts include all teaching ranks, and medical and dental teaching staff. Excluded are part-time teaching staff, senior administrators, staff on leave of absence, visiting professors, and staff not on regular pay scale. A change in the definition of full-time faculty by Statistics Canada in 1991-92 caused the number of full-time faculty to drop by 350 (2.42%) in Ontario and by 994 (2.66%) in Canada in that year. COU estimates of full-time faculty counts are used to compensate for occasional unreported data by specific universities in specific years in order to provide consistent and comparable student / faculty ratios.

Sources:

Enrolment: Statistics Canada

Full-time faculty counts: Statistics Canada, Salaries and Salary Scales of Full-Time Teaching Staff at Canadian Universities and Colleges.

FIGURE 8.5

FTE ENROLMENT PER FULL-TIME FACULTY
CANADIAN UNIVERSITIES
PROVINCIAL COMPARISON
1987-88 TO 1999-00

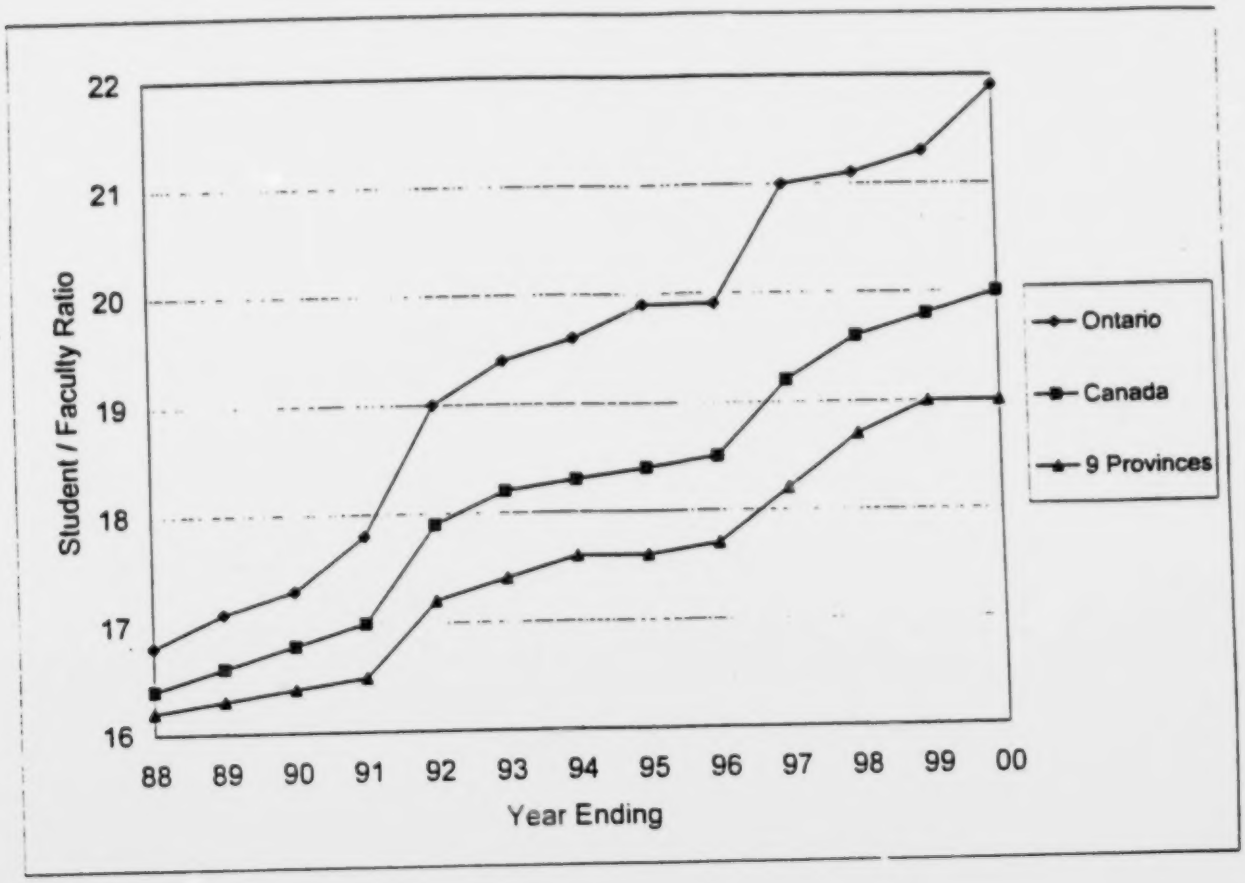


TABLE 8.6

FTE ENROLMENT PER FTE FACULTY
CANADIAN UNIVERSITIES
PROVINCIAL COMPARISON
1987-88 TO 1999-00

		1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
Newfoundland	Ratio	11.6	10.6	11.7	12.2	12.6	11.3	11.4	12.2	12.6	12.9	13.8	13.8	12.9
	Rank	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(9)	(8)	(8)	(10)
P.E.I.	Ratio	14.8	14.8	13.8	14.5	14.9	15.2	13.8	12.9	12.8	12.3	13.2	12.8	13.2
	Rank	(4)	(3)	(5)	(4)	(4)	(4)	(9)	(9)	(9)	(10)	(10)	(10)	(8)
Nova Scotia	Ratio	12.4	12.7	12.9	13.0	13.5	13.6	13.9	13.6	14.0	14.1	13.8	13.5	13.2
	Rank	(9)	(9)	(9)	(9)	(9)	(9)	(8)	(8)	(7)	(8)	(8)	(9)	(8)
New Brunswick	Ratio	12.8	13.3	13.5	13.9	14.5	15.6	16.1	15.9	15.8	15.4	15.0	15.4	15.4
	Rank	(8)	(8)	(7)	(6)	(5)	(3)	(3)	(3)	(4)	(5)	(6)	(5)	(5)
Quebec	Ratio	15.2	15.2	15.1	14.9	15.1	15.1	15.3	15.2	15.1	15.7	15.8	16.5	16.9
	Rank	(2)	(2)	(3)	(3)	(3)	(5)	(4)	(5)	(5)	(4)	(4)	(3)	(3)
Manitoba	Ratio	13.4	13.5	13.5	13.6	13.9	14.0	14.0	15.1	14.8	15.3	14.2	14.1	14.1
	Rank	(6)	(7)	(7)	(7)	(8)	(7)	(7)	(6)	(6)	(6)	(7)	(7)	(7)
Saskatchewan	Ratio	15.6	14.2	15.6	16.0	16.6	17.3	17.0	17.3	17.6	18.5	17.7	17.8	17.6
	Rank	(1)	(4)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)
Alberta	Ratio	14.0	13.7	14.0	14.3	14.4	14.7	15.1	15.5	16.3	17.7	16.0	15.8	16.8
	Rank	(5)	(5)	(4)	(5)	(6)	(6)	(5)	(4)	(3)	(2)	(3)	(4)	(4)
British Columbia	Ratio	13.2	13.6	13.6	13.6	14.1	14.0	14.3	14.3	13.8	15.2	15.5	15.0	15.2
	Rank	(7)	(6)	(6)	(7)	(7)	(7)	(6)	(7)	(8)	(7)	(5)	(6)	(6)
9 Provinces	Ratio	14.1	14.1	14.3	14.3	14.6	14.6	14.8	15.0	15.0	15.7	15.5	15.6	15.9
Ontario	Ratio	15.0	15.4	15.5	16.0	16.3	16.9	17.0	17.2	17.3	17.5	17.7	18.0	18.5
	Rank	(3)	(1)	(2)	(1)	(2)	(2)	(1)	(2)	(2)	(3)	(1)	(1)	(1)
Canada	Ratio	14.5	14.6	14.7	14.9	15.2	15.5	15.6	15.8	15.8	16.4	16.3	16.5	16.8

Notes:

Student/faculty ratios are based on a set of 48 "core" universities in Canada; the same 48 universities that are included in Maclean's magazine's annual ranking of Canadian universities.

FTE enrolment = full-time enrolment + part-time enrolment/3.5.

FTE faculty cannot be obtained directly due to lack of data on part-time faculty. Rather, FTE faculty are estimated according to the equation: FTE faculty = total academic ranks salaries + total instruction & research salaries / average salary of full-time faculty. Average salaries are based on the set of full-time faculty that includes all teaching ranks, and medical and dental teaching staff. Excluded are part-time teaching staff, senior administrators, staff on leave of absence, visiting professors, and staff not on regular pay scale. COU estimates of average salaries are used to compensate for occasional unreported data by specific universities in specific years in order to provide consistent and comparable student/faculty ratios.

Sources:

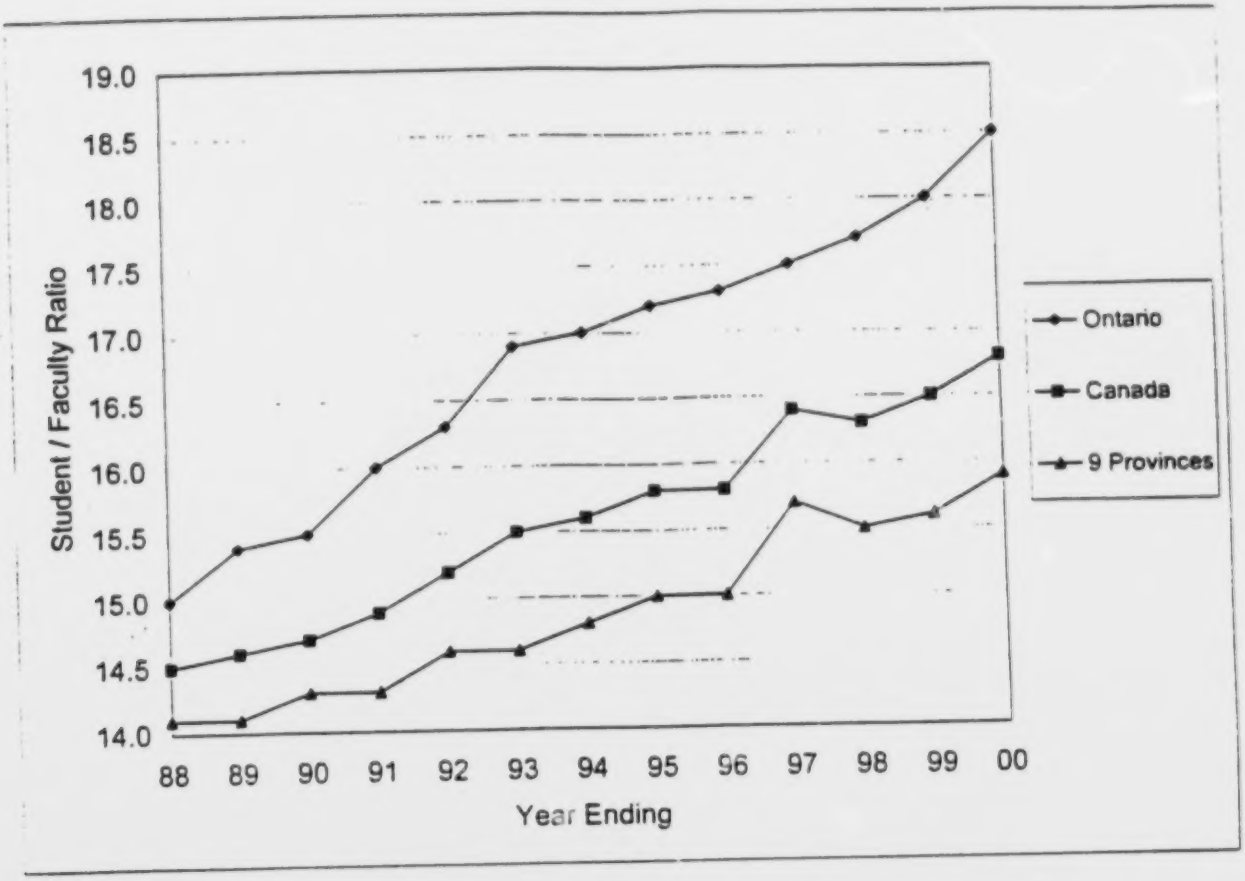
Enrolment: Statistics Canada.

Full-time faculty average salaries: Statistics Canada, Salaries and Salary Scales of Full-Time Teaching Staff at Canadian Universities and Colleges.

Total faculty salaries: Statistics Canada, Canadian Association of University Business Officers, Financial Statistics of Universities and Colleges.

FIGURE 8.6

FTE ENROLMENT PER FTE FACULTY
CANADIAN UNIVERSITIES
PROVINCIAL COMPARISON
1987-88 TO 1999-00



Section 9

Education and Employment

FIGURE 9.1

UNEMPLOYMENT RATE
BY EDUCATIONAL ATTAINMENT
ONTARIO
1990 TO 2003

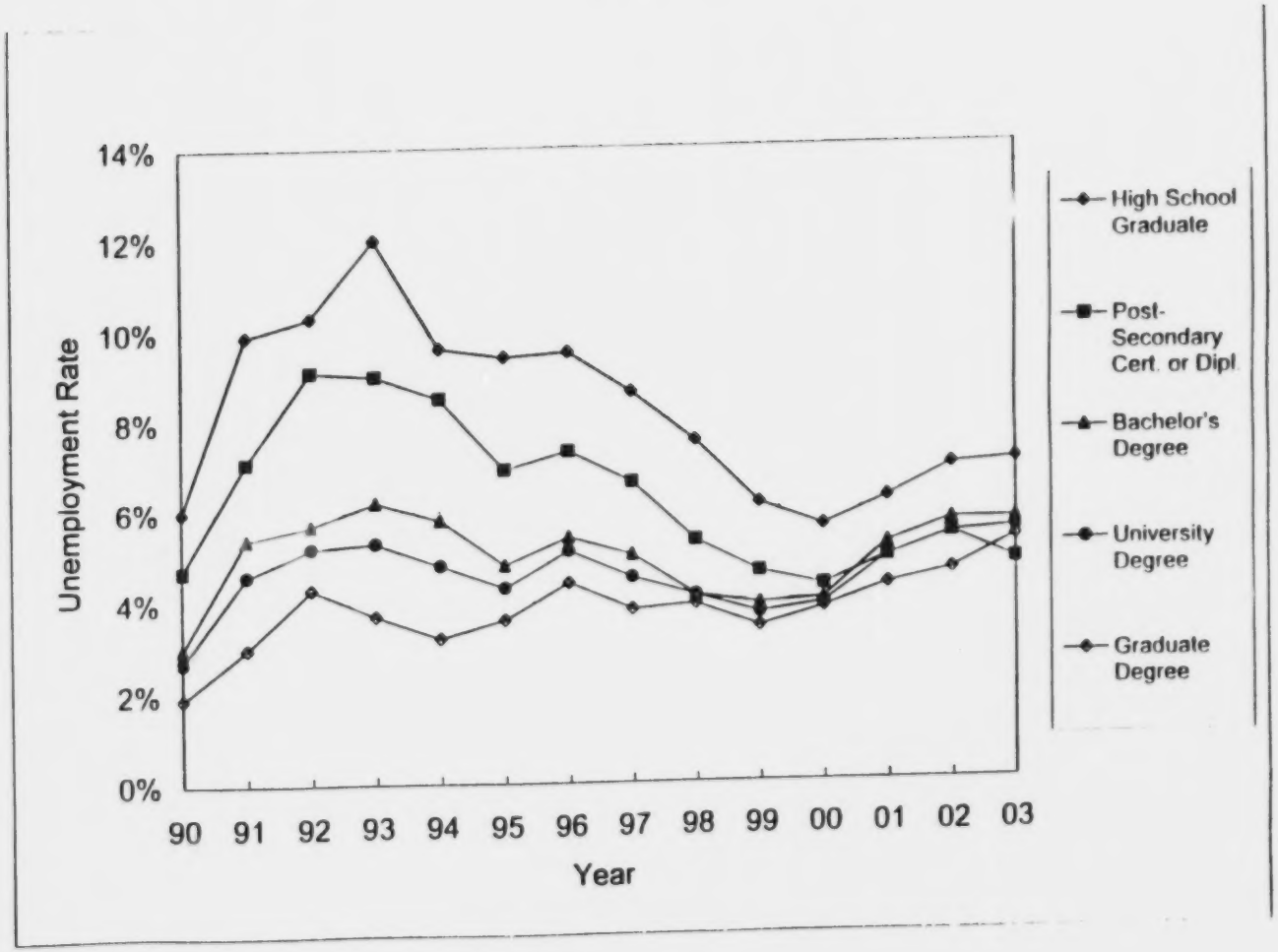


TABLE 9.2

PERCENT OF TOTAL EMPLOYMENT
BY EDUCATIONAL ATTAINMENT
ONTARIO AND CANADA
1990 TO 2002

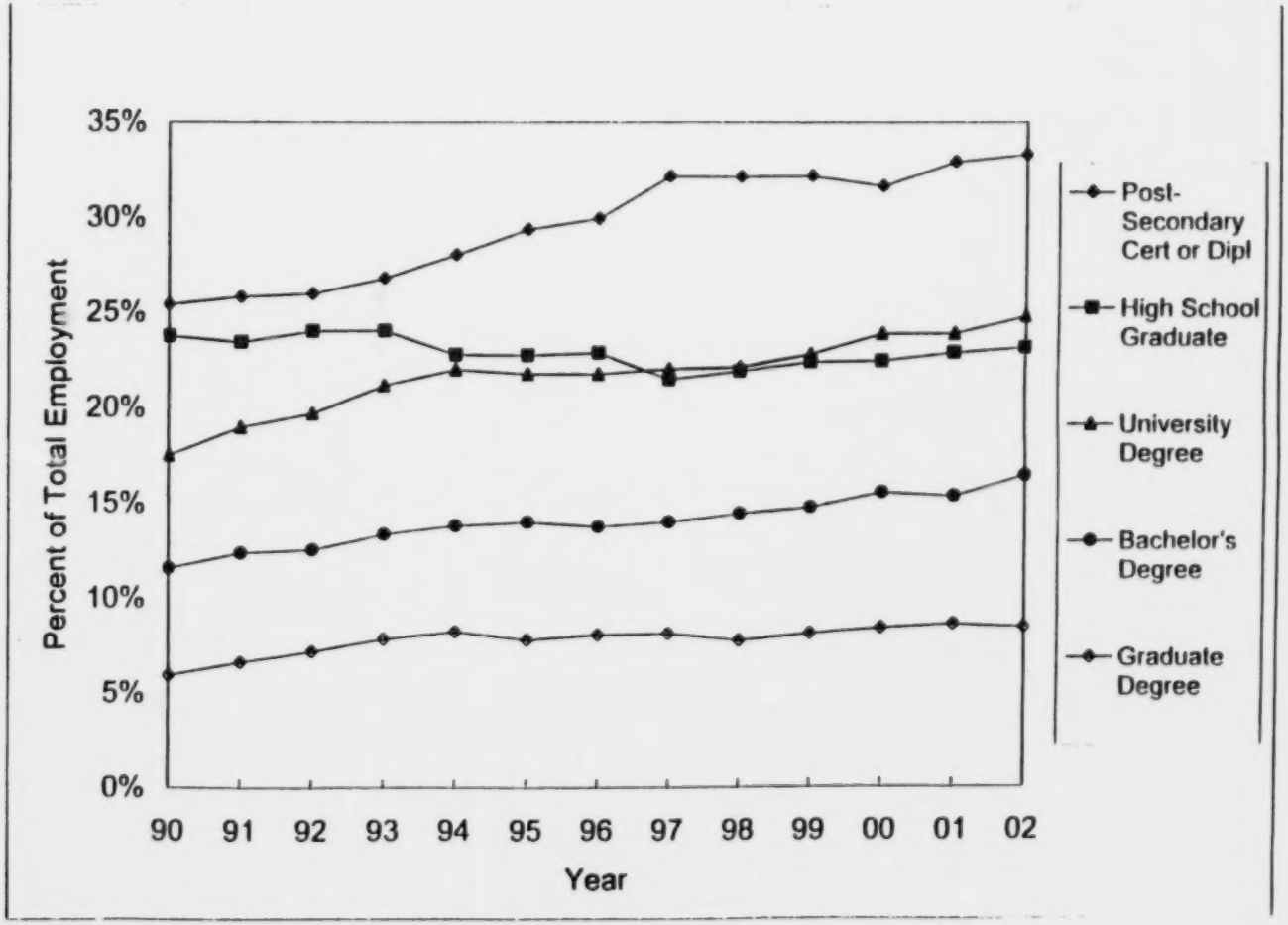
	Educational Attainment	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Canada	No University Degree	84.5%	83.7%	82.6%	81.3%	80.8%	80.7%	80.7%	80.3%	80.0%	79.7%	79.1%	78.8%	79.6%
	0 - 8 years	7.6%	7.0%	6.6%	5.7%	5.8%	5.3%	4.9%	4.6%	4.4%	4.1%	3.7%	3.4%	3.4%
	Some high school	16.9%	16.1%	14.9%	14.1%	13.8%	13.2%	12.8%	12.1%	11.9%	11.6%	11.0%	10.6%	10.4%
	High school graduate	23.4%	23.4%	23.8%	23.6%	22.2%	21.8%	22.0%	20.9%	20.9%	21.2%	21.7%	21.4%	21.7%
	Some post-secondary	9.1%	9.2%	9.1%	8.8%	8.3%	8.5%	8.5%	8.7%	8.5%	8.4%	8.7%	8.4%	8.4%
	Post-secondary certificate or diploma	27.4%	27.9%	28.3%	29.1%	30.8%	31.9%	32.5%	34.1%	34.4%	34.4%	33.9%	35.0%	35.7%
	University degree	15.5%	16.3%	17.4%	18.7%	19.2%	19.3%	19.3%	19.7%	20.0%	20.3%	21.0%	21.2%	21.9%
	Bachelor's degree	10.5%	11.0%	11.7%	12.7%	12.6%	13.0%	12.9%	13.2%	13.7%	13.7%	14.0%	14.3%	15.0%
	Graduate degree	5.0%	5.3%	5.6%	6.1%	6.5%	6.3%	6.4%	6.5%	6.3%	6.6%	7.0%	6.9%	6.9%
Ontario	No University Degree	82.5%	81.0%	80.3%	78.8%	78.0%	78.2%	78.3%	78.0%	77.9%	77.2%	76.2%	76.1%	76.6%
	0 - 8 years	6.4%	5.6%	5.5%	4.8%	5.2%	4.4%	4.2%	4.1%	3.8%	3.5%	3.2%	2.7%	2.6%
	Some high school	17.5%	16.7%	15.4%	14.4%	13.3%	12.3%	12.5%	11.4%	11.3%	10.6%	10.1%	9.7%	9.3%
	High school graduate	23.8%	23.4%	24.0%	24.0%	22.8%	22.7%	22.9%	21.4%	21.9%	22.3%	22.4%	22.8%	23.1%
	Some post-secondary	9.5%	9.5%	9.4%	8.9%	8.7%	9.3%	8.8%	8.9%	8.6%	8.6%	8.9%	8.0%	8.3%
	Post-secondary certificate or diploma	25.4%	25.8%	26.0%	26.8%	28.0%	29.4%	29.9%	32.2%	32.1%	32.2%	31.6%	32.9%	33.3%
	University degree	17.5%	19.0%	19.7%	21.2%	22.0%	21.8%	21.7%	22.0%	22.1%	22.8%	23.8%	23.9%	24.7%
	Bachelor's degree	11.6%	12.4%	12.5%	13.3%	13.8%	14.0%	13.7%	13.9%	14.4%	14.7%	15.5%	15.3%	16.4%
	Graduate degree	5.9%	6.6%	7.2%	7.8%	8.2%	7.8%	8.0%	8.0%	7.7%	8.1%	8.3%	8.6%	8.4%
9 Provinces	No University Degree	85.7%	85.4%	84.1%	82.8%	82.6%	82.2%	82.2%	81.8%	81.3%	81.3%	80.9%	80.6%	81.5%
	0 - 8 years	8.5%	7.9%	7.3%	6.2%	6.2%	5.8%	5.4%	4.9%	4.7%	4.4%	4.1%	3.8%	3.9%
	Some high school	16.5%	15.7%	14.6%	13.9%	14.0%	13.8%	13.0%	12.5%	12.2%	12.3%	11.6%	11.3%	11.1%
	High school graduate	23.2%	23.4%	23.6%	23.3%	21.8%	21.3%	21.5%	20.5%	20.2%	20.5%	21.2%	20.5%	20.8%
	Some post-secondary	8.8%	9.1%	8.9%	8.8%	8.1%	8.0%	8.3%	8.6%	8.4%	8.2%	8.6%	8.6%	8.4%
	Post-secondary certificate or diploma	28.7%	29.3%	29.7%	30.5%	32.5%	33.4%	34.1%	35.3%	35.8%	35.8%	35.4%	36.4%	37.3%
	University degree	14.3%	14.6%	15.9%	17.2%	17.4%	17.8%	17.8%	18.2%	18.7%	18.7%	19.1%	19.4%	20.1%
	Bachelor's degree	9.9%	10.2%	11.2%	12.2%	11.9%	12.4%	12.4%	12.7%	13.2%	13.0%	13.0%	13.6%	14.1%
	Graduate degree	4.4%	4.4%	4.7%	5.0%	5.5%	5.4%	5.4%	5.5%	5.5%	5.7%	6.1%	5.7%	6.0%

Notes: Employment figures are based on annual average, full-time employment for those age 15+.
Educational Attainment is highest level of schooling completed

Source: Statistics Canada, Labour Force Historical Review, 2002. Table 02AN

FIGURE 9.2

PERCENT OF TOTAL EMPLOYMENT
BY EDUCATIONAL ATTAINMENT
ONTARIO
1990 TO 2002



Appendices

APPENDIX A

NOTES ON ENROLMENT

The intent of this *Resource Document* is to examine the university enterprise from a global perspective. Therefore, all enrolment figures are based on total fall term undergraduate plus graduate enrolment, regardless of whether the students are eligible or ineligible for Ontario government formula-funding.

Ontario-Only Tables

- The source of full-time and part-time enrolment figures is the Ontario Ministry of Training, Colleges and Universities (MTCU).
- **Table 8.4** uses full-time enrolment.
- **Tables 1.2, 3.1, 6.2, 7.1, 8.1 and 8.2** use FTE enrolment, calculated according to equation #1:

  FTE enrolment = full-time enrolment + (part-time enrolment / 3.5).

- **Tables 1.2, 3.1, 6.2, 7.1, and 8.2** are based on Ontario's 17 universities, the Ontario College of Art and Design (OCAD), and Dominicain College. OCAD and Dominicain receive government support from the Universities Branch of MTCU.
- **Tables 8.1 and 8.4** are based solely on Ontario's 17 universities. OCAD and Dominicain are excluded because these tables include counts of full-time faculty, and Statistics Canada does not collect such counts for OCAD and Dominicain.

Comparisons with Other Provinces

- The source of full-time and part-time enrolment figures is Statistics Canada.
- **Tables 7.3, 8.5 and 8.6** use FTE enrolment calculated according to equation #1.
- For **Table 7.3**, enrolment figures are standard provincial totals published by Statistics Canada. Statistics Canada's standard provincial total for Ontario is based on the 17 universities, Dominicain College, the Royal Military College, Redeemer College, and the Ontario Bible College and Theological Seminary. OCAD is excluded.
- For **Tables 8.5 and 8.6**, enrolment figures are based on a set of 48 "core" universities in Canada, the same 48 universities that are included in Maclean's

magazine's annual ranking of Canadian universities. This set of universities is considered to be appropriate for the calculation and comparison of student/faculty ratios, the focus of these two tables. For Ontario, only the 17 universities are included in the "core" set.

- **Table 2.3** – FTE enrolment figures prior to 1990-91 are taken from the annual reports of the Tripartite (MTCU, COU, OCUA) Committee on Interprovincial Comparisons of University Financing. The original source for the Committee's data was Statistics Canada. The data represents eligible and ineligible fall term enrolment, and FTE enrolment is calculated according to equation #1. Adjustments have been made to Statistics Canada's standard provincial totals for college-to-university transfer students and for interprovincial transfer students. Interprovincial transfer students are those who are registered in a program at an out-of-province university but are funded by their home province's government. Enrolment figures correspond to the set of universities used for Table 7.3. For the methodology used to calculate FTE enrolment commencing in 1990-91, see Appendix B.

- **Table 3.2** – FTE enrolment is derived the same way as in Table 2.3, with the exception that the adjustment for interprovincial transfer students is not done. Enrolment figures correspond to the set of universities used for Table 7.3. For the methodology used to calculate FTE enrolment commencing in 1990-91, see Appendix C.

Comparisons with American States

- **Table 2.6** – FTE enrolment for Ontario's 17 universities is based on eligible and ineligible fall term enrolment figures obtained from MTCU. In these tables, FTE enrolment is calculated according to equation #1.

  The source for US enrolment data (fall term, full-time and part-time) is the Integrated Postsecondary Education Data System (IPEDS) published by the National Center for Education Statistics of the U.S. Department of Education. It can be found at http://nces.ed.gov/ipeds/.

APPENDIX B

METHODOLOGY FOR ESTIMATING EACH PROVINCE'S UNIVERSITY OPERATING GRANTS PER FTE STUDENT

1989-90 and Before: Actual "Net Total Operating Grants" were divided by actual "Net Total Enrolment". These data were derived from the report of the Tripartite Committee on Interprovincial Comparisons, April 1992, which was the last year of its publication.

1990-91 and After: Estimates of annual percent change were applied against the last actual figures of 1989-90.

EXAMPLE: ONTARIO

Estimate of Ontario Operating Grants to Universities per FTE Student in 1990-91 (post Tripartite Committee):		$6,772
CALCULATION:		
PART 1:	OPERATING GRANTS (For Tables 2.3, 2.4 and 2.5)	
1989-90 -	Last year Tripartite Committee reported actual Net Total Operating Grants for Ontario:	$1,599,386,000
1989-90 -	Ontario operating grants reported by CAUBO:	$1,724,504,000
1990-91 -	Ontario operating grants reported by CAUBO:	$1,869,822,000
1989-90 to 1990-91	percent change using CAUBO data:[1]	8.43%
1990-91 -	Estimated Net Total Operating Grants = $1,599,386,000 * 1.0843	$1,734,160,738
PART 2:	FTE ENROLMENT (For Table 2.3)	
1989-90 -	Last year Tripartite Committee reported actual Net Total Enrolment for Ontario:	247,053
1989-90 -	Ontario total enrolment reported by Statistics Canada:	237,876
1990-91 -	Ontario total enrolment reported by Statistics Canada:	246,577
1989-90 to 1990-91	percent change using Statistics Canada data:	3.66%
1990-91 -	Estimated Net Total Enrolment = 247,053 * 1.0366	256,090
PART 3:	OPERATING GRANTS PER FTE ENROLMENT (For Table 2.3)	
1990-91 -	Estimated Net Total Operating Grants	$1,734,160,738
	Divided by Estimated Net Total Enrolment	256,090
	Equals Ontario Operating Grants to Universities per FTE Student	$6,772

(1) 1990-91 to 1997-98: For each of these years the annual percent change was calculated from the operating grants reported in the Financial Reports of the Canadian Association of University Business Officers.
1998-99 to 1999-00: The annual percent change to operating grants for these two years were obtained from the Public Accounts and Expenditure Estimates of Ontario, and, for other provinces, the Association of Universities and Colleges of Canada.

APPENDIX C

METHODOLOGY FOR ESTIMATING EACH PROVINCE'S UNIVERSITY OPERATING EXPENDITURES PER FTE STUDENT

1989-90 and Before: Actual "Total Operating Expenditures" were divided by actual "Enrolment - Provincial Institutions (excluding interprovincial transfers)". These data were derived from the report of the Tripartite Committee on Interprovincial Comparisons, April 1992, which was the last year of its publication.

1990-91 and After: Estimates of annual percent change were applied against the last actual figures of 1989-90.

EXAMPLE: ONTARIO

Estimate of Ontario Total University Operating Expenditures per FTE Student in 1996-97 (post Tripartite Committee):		$9,876
CALCULATION:	(For Table 3.2)	
PART 1:	OPERATING EXPENDITURES	
1989-90 -	Last year Tripartite Committee reported actual Total Operating Expenditures for Ontario:	$2,131,704,000
1989-90 -	Ontario operating expenditures reported by CAUBO:	$2,254,667,000
1996-97 -	Ontario operating expenditures reported by CAUBO:	$2,710,446,000
1989-90 to 1996-97	percent change using CAUBO data:(1)	20.21%
1996-97 -	Estimated Total Operating Expenditures = $2,131,704,000 * 1.2021	$2,562,626,135
PART 2:	FTE ENROLMENT	
1989-90 -	Last year Tripartite Committee reported actual Net Total Enrolment for Ontario:	247,053
1989-90 -	Ontario total enrolment reported by Statistics Canada:	237,876
1996-97 -	Ontario total enrolment reported by Statistics Canada:	249,808
1989-90 to 1996-97	percent change using Statistics Canada data:	5.02%
1996-97 -	Estimated Net Total Enrolment 247,084 * 1.0502	259,445
PART 3:	OPERATING EXPENDITURES PER FTE ENROLMENT	
1996-97 -	Estimated Total Operating Expenditures	$2,562,626,135
	Divided by Estimated Net Total Enrolment	259,445
	Equals Ontario Total University Operating Expenditures per FTE student:	$9,877

(1) 1990-91 to 1996-97: For each of these years the annual percent change was calculated from the operating expenditures reported in the Financial Reports of the Canadian Association of University Business Officers.

APPENDIX D

ONTARIO UNIVERSITY NON-SALARY PRICE INDEX (OUNSPI) AND CANADA CONSUMER PRICE INDEX (CPI) 1981-82 to 2002-03

			Annual Increase	
	OUNSPI	CPI	OUNSPI	CPI
1981-82	100.0	100.0	13.9%	12.1%
1982-83	110.2	109.5	10.2%	9.5%
1983-84	115.2	115.1	4.5%	5.1%
1984-85	122.1	119.4	6.0%	3.8%
1985-86	127.4	124.4	4.4%	4.1%
1986-87	131.0	129.6	2.8%	4.2%
1987-88	135.5	135.1	3.5%	4.3%
1988-89	139.3	140.9	2.8%	4.2%
1989-90	142.3	148.3	2.1%	5.3%
1990-91	144.6	155.8	1.6%	5.1%
1991-92	146.4	162.1	1.2%	4.0%
1992-93	153.6	164.8	5.0%	1.7%
1993-94	157.2	166.9	2.3%	1.3%
1994-95	170.1	168.0	8.3%	0.6%
1995-96	180.4	171.4	6.0%	2.0%
1996-97	178.3	174.4	-1.2%	1.8%
1997-98	182.4	176.6	2.3%	1.3%
1998-99	188.1	178.4	3.1%	1.0%
1999-00	*197.1*	182.4	*4.8%*	2.3%
2000-01	*209.0*	187.7	*6.0%*	2.9%
2001-02		191.7		2.1%
2002-03		197.5		3.0%

Notes:

CPI and OUNSPI are relative to base year 1981-82 = 100.0.

1999-00 and 2000-01 indices were revised and re-weighted.
See Appendices E through G

The Ontario University Non-Salary Price Index was developed in 1978 to provide "a more sensitive tool to assist in measuring the likely impact of inflation on non-salary expenditure, and a more accurate measure of the extent of inflationary erosion between any two years." — Council of Ontario Universities, *Ontario University Non-Salary Price Index* (February 1978).

APPEN...

ONTARIO UNIVERSITY NON-SALARY PRICE INDEX (OUNSPI)
BY COMPONENT
1981-82 TO 2001-02

Component	1981 -82	1982 -83	1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	1988 -89	1989 -90	1990 -91	1991 -92	1992 -93	1993 -94	1994 -95	1995 -96	1996 -97	1997 -98	1998 -99	1999 -00	2000 -01	2001 -02
Books	100.0	111.1	127.0	139.4	139.4	144.9	142.1	147.6	154.9	158.5	163.7	183.9	200.3	162.8	204.7	216.6	236.7	255.1	237.8	252.6	218.3
Periodicals														100.0	116.9	131.6	146.2	167.2	188.6	204.5	
Library Electronic Services												100.0	109.7	118.7	119.3	119.8	128.3	142.5	145.7	156.6	
Library Non-Print Media												100.0	108.5	114.6	119.9	125.6	132.5	144.4	143.7	151.1	
Equipment												100.0	107.5	113.6	113.1	112.8	115.6	123.2	119.4	122.6	126.8
Computer Hardware												100.0	106.5	105.4	101.0	97.2	95.7	95.8	93.1	92.3	92.5
Computer Software																		100.0	95.8	100.8	102.6
Furniture							100.0	103.7	109.1	111.8	111.9	112.2	113.7	119.1	129.2	129.3	136.3	131.0	133.3	135.6	137.5
Stationery and Paper	100.0	107.3	110.6	118.0	123.2	128.6	135.1	147.4	156.8	157.7	156.4	155.6	159.7	187.7	239.2	230.3	221.6	224.2	232.2	243.6	250.0
Printing Materials	100.0	113.0	116.5	120.7	124.2	132.3	137.5	144.4	150.5	153.2	153.3	153.3	148.2	149.4	161.1	161.4	161.9	166.6	171.4	175.2	176.1
Tools and Apparatus	100.0	110.5	115.2	121.1	127.5	131.6	136.7	143.3	148.0	151.9	155.8	157.8	161.1	164.6	173.0	179.0	182.2	192.0	197.4	198.9	200.9
Chemicals	100.0	103.8	107.6	111.2	113.5	113.4	121.6	134.0	129.9	131.4	129.5	129.7	133.4	148.3	151.9	151.8	150.3	145.7	152.7	162.2	160.7
Postage	100.0	140.6	147.9	147.9	163.6	167.9	180.6	187.6	191.4	200.2	215.7	229.4	235.3	238.4	246.2	249.9	251.3	256.1	266.6	270.5	264.2
Telephone and Long Distance	100.0	115.1	121.3	122.9	124.3	123.5	123.2	119.0	118.2	117.6	119.6	120.6	122.0	122.0	124.6	130.6	136.6	134.7	132.7	136.7	141.6
Electricity	100.0	110.1	119.4	129.2	137.6	144.2	152.6	160.6	169.9	183.2	200.9	221.9	232.5	231.7	229.3	227.9	227.7	227.7	227.7	227.6	245.3
Gas	100.0	122.1	128.1	129.9	129.9	129.1	126.7	123.6	116.5	115.4	125.9	129.0	139.2	142.4	134.0	137.6	144.6	159.4	173.3	228.3	256.3
Oil	100.0	118.8	128.8	136.6	128.6	83.1	93.1	77.5	87.7	92.1	78.9	85.0	78.9	92.2	97.3	108.4	98.5	81.5	125.4	159.8	133.6
Water	100.0	111.8	119.3	127.1	135.4	139.6	142.6	152.9	165.3	180.2	194.4	208.6	219.1	226.6	236.3	243.4	248.0	252.9	257.3	263.4	272.3
Renovations	100.0	103.6	103.2	107.0	109.1	112.4	118.3	125.1	130.2	132.6	130.3	129.6	132.6	138.5	138.0	142.9	146.3	148.8	151.2	155.5	
Transportation	100.0	110.6	115.6	120.3	126.3	128.8	134.4	136.9	145.4	152.4	153.3	158.2	163.1	171.5	179.3	186.8	189.4	188.6	196.5	205.4	203.5
Traveller's Accommodation	100.0	111.8	117.5	122.8	130.1	141.6	144.9	153.7	159.5	165.4	164.9	166.2	167.6	175.0	188.9	192.2	196.9	206.2	216.3	230.5	219.1
Food Away from Home	100.0	109.7	114.5	119.2	124.2	130.4	135.1	142.1	149.2	160.2	172.1	175.0	177.1	179.7	183.3	186.1	189.6	193.1	197.1	201.5	208.7
Insurance	100.0	108.4	114.4	117.7	124.0	137.1	154.9	168.3	179.8	176.4	176.6	178.6	188.1	190.6	181.9	192.0	197.1	200.7	205.8	214.3	228.5
Space Rental	100.0	111.5	117.8	122.3	126.4	130.3	136.6	143.2	152.0	160.0	165.7	168.4	170.2	171.1	172.6	173.0	173.0	174.4	177.6	184.7	189.8
Externally Contracted Services	100.0	111.3	117.1	122.2	128.3	136.5	144.5	153.1	164.0	173.7	180.4	182.7	185.8	189.7	194.4	198.6	203.0	206.5	210.9	216.7	222.8
Professional Fees	100.0	111.3	117.1	122.2	128.3	136.5	144.5	153.1	164.0	173.7	180.4	182.7	185.8	189.7	194.4	198.6	203.0	206.5	210.9	216.7	222.8

APPENDIX F
PERCENTAGE CHANGE IN
ONTARIO UNIVERSITY NON-SALARY PRICE INDEX (OUNSPI)
BY COMPONENT
1982-83 TO 2001-02

Component	1982 -83	1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	1988 -89	1989 -90	1990 -91	1991 -92	1992 -93	1993 -94	1994 -95	1995 -96	1996 -97	1997 -98	1998 -99	1999 -00	2000 -01	2001 -02
Books	11.1%	14.3%	9.7%	0.0%	3.9%	-1.9%	3.9%	4.9%	2.3%	3.2%	12.3%	8.9%	-18.7%	25.7%	5.8%	9.3%	7.8%	-6.8%	6.3%	
Periodicals														16.9%	12.5%	11.1%	14.4%	12.8%	8.4%	6.8%
Library: Electronic Services												9.7%	8.2%	0.5%	0.4%	7.1%	11.0%	2.2%	7.6%	
Library: Non-Print Media												8.5%	5.6%	4.7%	4.7%	5.5%	9.0%	-0.5%	5.2%	
Equipment												7.5%	5.7%	-0.4%	-0.3%	2.5%	6.6%	-3.1%	2.8%	3.3%
Computer Hardware												6.5%	-1.1%	-4.1%	-3.8%	-1.6%	0.1%	-2.8%	-0.9%	0.2%
Computer Software																		-4.2%	5.3%	1.8%
Furniture							3.7%	5.2%	2.5%	0.1%	0.3%	1.4%	4.7%	8.5%	0.0%	0.8%	0.5%	1.8%	1.8%	1.4%
Stationery and Paper	7.3%	3.1%	6.7%	4.4%	4.4%	5.1%	9.1%	6.4%	0.6%	-0.8%	-0.5%	2.6%	17.5%	27.5%	-3.8%	-3.7%	1.2%	3.6%	4.9%	2.6%
Printing Materials	13.0%	3.0%	3.7%	2.9%	6.5%	4.0%	5.0%	4.2%	1.8%	0.1%	0.0%	-3.4%	0.9%	7.8%	0.2%	0.3%	3.0%	2.8%	2.2%	0.5%
Tools and Apparatus	10.5%	4.2%	5.2%	5.3%	3.2%	3.9%	4.9%	3.3%	2.6%	2.6%	1.3%	2.1%	2.2%	5.1%	3.5%	1.7%	5.4%	2.8%	0.8%	1.0%
Chemicals	3.8%	3.9%	3.2%	2.0%	-0.1%	7.4%	10.1%	-3.1%	1.1%	-1.5%	0.2%	2.9%	11.2%	2.4%	0.0%	-1.0%	-3.1%	4.8%	6.2%	-0.9%
Postage	40.8%	5.0%	0.0%	10.8%	2.5%	7.6%	3.8%	2.0%	4.6%	7.7%	6.4%	2.8%	1.3%	3.2%	1.5%	0.6%	1.9%	4.1%	1.5%	5.1%
Telephone and Long Distance	15.1%	5.3%	1.4%	1.1%	-0.6%	-0.2%	-2.7%	-1.4%	-0.5%	1.7%	0.9%	1.1%	0.0%	2.2%	4.8%	4.6%	-1.4%	-1.5%	3.0%	3.7%
Electricity	10.1%	8.5%	8.2%	6.5%	4.8%	5.8%	5.3%	5.8%	7.8%	9.7%	10.4%	4.8%	-0.4%	-1.0%	-0.6%	-0.1%	0.0%	0.0%	0.0%	7.7%
Gas	22.1%	5.0%	1.4%	0.0%	-0.6%	-1.9%	-2.4%	-5.7%	-0.9%	9.1%	2.5%	7.9%	2.3%	-5.9%	2.8%	5.1%	10.0%	8.7%	31.8%	12.3%
Oil	18.8%	8.4%	6.0%	-5.9%	-35.4%	12.0%	-16.8%	13.2%	5.0%	-16.5%	10.6%	-9.6%	19.9%	5.5%	11.4%	-8.2%	-18.1%	53.9%	27.4%	-16.4%
Water	11.8%	6.7%	6.6%	6.5%	3.1%	2.2%	7.2%	6.1%	9.0%	7.9%	7.3%	5.0%	3.4%	4.3%	3.0%	1.9%	2.0%	1.7%	2.4%	3.4%
Renovations	3.6%	-0.4%	3.7%	1.9%	3.0%	5.3%	5.8%	4.1%	1.8%	-1.8%	-0.4%	2.1%	3.0%	1.1%	3.6%	2.4%	1.7%	1.6%	2.8%	
Transportation	10.6%	4.7%	3.9%	4.9%	2.0%	4.4%	1.9%	6.3%	4.8%	0.6%	3.2%	3.1%	5.2%	4.5%	4.2%	1.4%	-0.4%	5.2%	3.5%	-0.9%
Traveller's Accommodation	11.8%	5.0%	4.5%	6.0%	9.0%	2.2%	6.1%	3.7%	3.7%	-0.3%	0.8%	0.9%	4.3%	8.0%	1.7%	2.5%	4.7%	5.9%	5.6%	-4.9%
Food Away from Home	9.7%	4.4%	4.1%	4.3%	4.9%	3.6%	5.2%	5.0%	7.3%	7.5%	1.7%	1.2%	1.4%	2.0%	1.5%	1.9%	1.9%	2.0%	2.2%	3.6%
Insurance	8.4%	5.5%	2.8%	5.4%	10.5%	13.0%	8.6%	6.8%	-1.9%	0.1%	1.1%	5.3%	1.3%	0.7%	0.1%	2.6%	1.8%	2.6%	4.1%	6.6%
Space Rental	11.5%	5.6%	3.7%	3.4%	3.1%	4.8%	4.8%	6.2%	5.3%	3.6%	1.6%	1.0%	0.5%	0.9%	0.2%	0.0%	0.8%	1.8%	4.0%	2.7%
Externally Contracted Services	11.3%	5.3%	4.4%	5.0%	6.4%	5.9%	6.0%	7.1%	5.9%	3.8%	1.3%	1.7%	2.1%	2.5%	2.2%	2.2%	1.8%	2.1%	2.8%	2.8%
Professional Fees	11.3%	5.3%	4.4%	5.0%	6.4%	5.9%	6.0%	7.1%	5.9%	3.8%	1.3%	1.7%	2.1%	2.5%	2.2%	2.2%	1.8%	2.1%	2.8%	2.8%

APPENDIX G

ONTARIO UNIVERSITY NON-SALARY PRICE INDEX (OUNSPI)
COMPONENT WEIGHTS AND SOURCES
1993 AND 2003

Component	Index Weights (%) 2002	1993	Source
Books:	3	7	*Bowker (U.S.) Hardcover Book Price Index*. Converted to $Can to capture exchange rate fluctuations
Periodicals:	5	7	*Rowe-Com Foreign and Domestic Price Index* http://www.rowecom.ca/english/new_cpi.htm Estimates done by applying Canadian price projections for periodicals in several countries to the 1999 geographic mix. See http://www.rowecom.ca/english/new_cp.htm
Electronic Services	1	n/a	U.S. Academic Library Price Index (ALPI). Published in *Inflation Measures for Schools, Colleges and Libraries* by Research Associates of Washington. Converted to $Can to capture exchange rate fluctuations
Non-Print Media:	2	n/a	U.S. Academic Library Price Index (ALPI). Published in *Inflation Measures for Schools, Colleges and Libraries* by Research Associates of Washington. Converted to $Can to capture exchange rate fluctuations
Machinery and Equipment:	7	10	U.S. Producer Price Index (WPU11) at http://data.bls.gov/cgi-bin/surveymost?wp Converted to $Can to capture exchange rate fluctuations
Computer Hardware:	8	10	Statistics Canada Industry Price Index: *Computer and Peripheral Manufacturing Price Index* (V3822743) (1997=100)
Computer Software:	5	3	U.S. Software Producer Price Index: *Prepackaged Software* (7372#). From Bureau of Labor Statistics at http://data.bls.gov/labjava/outside.jsp?survey=pc
Furniture and Furnishings:	1	1	Statistics Canada Industry Price Index: *Office Furniture* (V1575091) (1997=100)
Stationery and Paper:	8	11	Statistics Canada Industry Price Index: *Office and Stationery Supplies* (V1575193) (1997=100)
Printing Materials	6	7	Statistics Canada Industry Price Index: *Writing and Reproduction Paper (V1575144)* (1997=100)
Tools and Apparatus:	3	5	Statistics Canada Industry Price Index: *Hardware, Tools and Cutlery* (V1575387) (1997=100)
Chemicals	6	4	Statistics Canada Industry Price Index: *Chemical Products and Miscellaneous Manufactured Products* (V1575971) (1997=100)
Postage and Courier:	4	4	Statistics Canada Consumer Price Index: *Postage and Other Communications Services* (P100098) (1992=100)
Telephone and Long Distance:	5	5	Statistics Canada Consumer Price Index: *Communications* (P100096) (1992=100)
Insurance:	1	1	Statistics Canada Consumer Price Index: *Homeowner's Insurance Premiums* (P100086) (1992=100)
Space Rental:	2	1	Statistics Canada Consumer Price Index: *Shelter* (P100077) (1992=100)
Transportation:	3	4	Statistics Canada Consumer Price Index: *Transportation* (P100174) (1992=100)
Shelter:	2	1	Statistics Canada Consumer Price Index: *Traveler's Accommodation* (P100239) (1992=100)
Food Away from Home	2	1	Statistics Canada Consumer Price Index: *Food Purchased in Restaurants* (P100073) (1992=100)
Electricity	7	12	Statistics Canada Industry Price Index: *Electric Power Selling Price Index* (V3834009) (1997=100)
Gas	5	3	Statistics Canada Consumer Price Index: *Piped Gas* (P100092) (1992=100)
Oil	1	0	Statistics Canada Industrial Price Index: *Heavy Fuel Oil* (V1575903) (1997=100)
Water	1	1	Statistics Canada Consumer Price Index: *Water* (P100091) (1992=100)
Renovations and Alterations	3	2	Statistics Canada Construction Price Statistic: *Historical Non-Residential Price Indicators* (D15624)
Externally Contracted Services	6	n/a	Statistics Canada Consumer Price Index: *Services for Ontario* (1992=100)
Professional Fees	3	n/a	Statistics Canada Consumer Price Index: *Services for Ontario* (1992=100)
Total	100	100	

APPENDIX H

DETAILS OF PROVINCIAL OPERATING GRANTS
ONTARIO UNIVERSITIES
1998-99 TO 2003-04

	Envelope	Notes	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	Change from 1998-99 to 2003-04 $	Change from 1998-99 to 2003-04 %	Change from 1999-00 to 2003-04 $	Change from 1999-00 to 2003-04 %	Change from 2000-01 to 2003-04 $	Change from 2000-01 to 2003-04 %	Change from 2001-02 to 2003-04 $	Change from 2001-02 to 2003-04 %	Change from 2002-03 to 2003-04 $	Change from 2002-03 to 2003-04 %
1	Basic Operating Grant		$1 411 480 000	$1 461 466 200	$1 485 247 471	$1 514 353 700	$1 546 246 016	$1 668 552 970	$257 082 970	18.2%	$207 086 700	14.2%	$203 305 430	13.9%	$154 199 200	10.3%	$122 306 953	7.9%
2	Pay Equity	1	$10 981 300	$0	$0				($10 981 300)	-100.0%	$0		$0		$0		$0	
3	Accessibility Fund	2	$0	$0	$18 500 000	$25 800 000	$122 107 300	$215 891 398	$215 891 398		$215 891 398		$190 191 398	1707.2%	$189 091 398	736.0%	$93 584 098	76.8%
4	Performance Fund		$0	$0	$18 500 000	$23 160 000	$23 160 000	$23 160 000	$23 160 000		$23 160 000		$4 660 000	40.4%	$0	0.0%	$0	0.0%
5	Quality Fund							$74 684 410	$74 684 410		$74 684 410		$74 684 410		$74 684 410		$74 684 410	
6	Research Overhead/Infrastructure		$27 477 000	$27 751 770	$27 751 770	$27 751 770	$27 751 770	$27 751 770	$274 770	1.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
7	Enhanced Access for Disabled		$5 752 000	$5 752 000	$5 752 000	$5 752 000	$5 752 000	$7 257 000	$1 505 000	26.2%	$1 505 000	26.2%	$1 505 000	26.2%	$1 505 000	26.2%	$1 505 000	26.2%
8	Mission Related		$30 368 401	$30 782 285	$30 782 284	$40 740 208	$46 508 774	$46 008 774	$6 620 373	16.8%	$6 226 489	15.7%	$6 226 490	15.7%	$5 268 566	12.9%	$0	0.0%
	a Bilingualism		$28 028 030	$28 308 310	$28 308 309	$28 308 310	$28 308 310	$28 308 310	$240 280	1.0%	$0	0.0%	$1	0.0%	$0	0.0%	$0	0.0%
	b Differentiation		$1 878 000	$1 894 760	$1 894 760	$1 894 760	$1 894 760	$1 894 760	$16 760	1.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
	c Northern Ontario		$9 464 371	$9 578 215	$9 578 215	$10 537 138	$15 805 704	$15 805 704	$6 321 333	66.8%	$6 226 489	65.0%	$6 226 489	65.0%	$5 268 566	50.0%	$0	0.0%
9	Fair Funding for Universities	3	$10 000 000	$20 000 000	$20 000 000	$0	$0	$0	($10 000 000)	-100.0%	($20 000 000)	-100.0%	($20 000 000)	-100.0%	$0		$0	
10	Institution Specific Grants		$34 260 108	$15 501 288	$15 650 057	$13 517 811	$11 092 217	$11 018 189	($23 243 919)	-67.8%	($4 485 108)	-28.9%	($4 633 868)	-30.5%	($2 501 722)	-18.5%	($76 028)	-0.7%
	a Algoma Extraordinary Grant		$540 000	$545 400	$545 400	$590 840	$490 810	$490 810	$350 810	88.7%	$354 510	65.0%	$354 510	65.0%	$298 970	50.0%	$0	0.0%
	b Guelph Ontario \	4	$0	$2 000 000	$4 000 000	$5 000 000	$5 000 000	$5 000 000	$5 000 000		$3 000 000	150.0%	$1 000 000	25.0%	$0	0.0%	$0	0.0%
	c Guelph Pension Supplement		$942 000	$900 000	$843 000	$834 000	$803 000	$578 000	($363 000)	-0.6%	($321 000)	-35.7%	($364 000)	-10.0%	($55 000)	-8.7%	($224 000)	-4.0%
	d Hearst Extraordinary Grant		$0	$0	$400 000	$400 000	$800 000	$800 000	$800 000		$800 000		$800 000	50.0%	$200 000	50.0%	$0	0.0%
	e McMaster Occupational/Physiothe		$500 000	$500 000	$0				($500 000)	-100.0%	($500 000)	-100.0%	$0					
	f Ottawa Medical School - Francoph		$411 704	$424 000	$424 000	$212 000	$212 000	$212 000	($199 704)	-48.5%	($212 000)	-50.0%	($212 000)	-50.0%				
	g Ottawa Teachers of Deaf Public - I		$350 000	$350 000	$350 000	$350 000	$350 000	$350 000	$0	0.0%	$0	0.0%	$0	0.0%		0.0%		0.0%
	h Ryerson Pension Supplement		$3 551 427	$0	$0	$0	$0		($3 551 427)	-100.0%	$0		$0			0.0%		0.0%
	i Ryerson Univers	3	$18 900 000	$0	$0	$0	$0		($18 900 000)	-100.0%	$0		$0					
	j Toronto Medical School Health Re		$6 780 558	$5 780 558	$4 780 558	$4 156 453	$0		($6 780 558)	-100.0%	($5 780 558)	-100.0%	($4 780 558)	-100.0%	($4 156 453)	-100.0%	$0	
	k Toronto OISEAUT Base Grant		$785 800	$785 800	$1 327 168	$0	$785 800	$785 800	$0	0.0%	$0	0.0%	($541 568)	-40.8%	$785 800		$0	0.0%
	l Toronto OISEAUT French Languag		$189 080	$189 080	$338 180	$0	$189 080	$189 080	$0	0.0%	$0	0.0%	($189 080)	-50.0%	$189 080		$0	0.0%
	m Toronto OISEAUT New Transfer Gr		$540 500	$471 000	$788 500	$0	$235 500	$157 000	($383 500)	-71.4%	($314 000)	-66.7%	($548 500)	-77.8%	$157 000		($78 500)	-33.3%
	n Toronto OISEAUT Transitional Fun		$2 010 327	$2 010 327	$0	$0	$0		($2 010 327)	-100.0%	($2 010 327)	-100.0%	$0		$0		$0	
	o Toronto OISEAUT Utilities Adjustm		$115 000	$115 000	$0	$0	$0		$115 000	-100.0%	$115 000	-100.0%	$0		$0		$0	
	p Waterloo Optometry (Administrativ		$10 000	$21 000	$10 000	$20 000	$15 000	$17 000	($2 000)	-10.5%	($4 000)	-19.0%	($7 000)	-10.5%	($3 000)	-15.0%	$2 000	13.3%
	q York Deaf Education Centre		$729 325	$729 325	$729 325	$729 325	$729 325	$729 325	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
	r York/Trent Programming at UOIT		$458 579	$950 000	$1 000 000	$1 413 103	$1 482 782	$1 917 264	$1 000 686	232.2%	$967 264	99.7%	($89 664)	-5.9%	$104 071	7.4%	$24 472	1.9%
11	Special Purpose Grants		$11 809 953	$12 211 438	$14 307 488	$14 048 237	$13 175 135	$18 735 181	$7 925 308	67.1%	$7 523 723	61.6%	$5 427 693	37.9%	$6 088 924	48.5%	$6 560 046	48.9%
	a Aboriginal Education & Training Pr		$2 585 550	$2 848 000	$2 651 832	$2 978 880	$2 780 615	$2 767 530	$181 980	7.0%	($80 461)	-2.8%	$115 707	4.4%	$180 678	7.4%	($13 078)	-0.5%
	b Canadian Hearing Society		$49 810	$71 180	$80 453	$64 142	$70 820	$71 000	$21 084	42.3%	($180)	-0.3%	$10 547	17.4%	$8 858	10.7%	$180	0.3%
	c Canadian Institute for Advanced R		$1 250 000	$1 250 000	$1 500 000	$1 500 000	$1 500 000	$1 500 000	$250 000	20.0%	$250 000	20.0%	$0	0.0%	$0	0.0%	$0	0.0%
	d Contact North Supplement		$388 375	$388 375	$388 375	$388 375	$388 375	$388 375	$100 000	37.5%	$100 000	37.5%	$100 000	37.5%	$100 000	37.5%	$0	0.0%
	e Educ-Action		$127 500	$127 500	$127 000	$127 500	$127 500	$127 500	$0	0.0%	$0	0.0%	$500	0.4%	$0	0.0%	$0	0.0%
	f Fields Institute (McMaster, Toronto		$1 000 000	$1 000 000	$1 000 000	$1 000 000	$1 000 000	$1 000 000	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
	g French as a Minority Language Pro		$926 000	$926 000	$926 000	$1 536 000	$1 536 000	$1 536 000	$612 000	66.1%	$612 000	66.1%	$612 000	66.1%	$0	0.0%	$0	0.0%
	h Graduate Survey		$360 000	$600 000	$195 954	$182 005	$278 750	$180 718	($118 282)	-39.8%	($419 282)	-69.9%	($515 236)	-7.0%	($1 787)	-0.7%	($98 032)	-34.7%
	i Interpreters Fund		$412 410	$725 000	$588 342	$725 000	$725 000	$725 000	$312 590	75.8%	$0	0.0%	$136 658	23.6%	$0	0.0%	$0	0.0%
	j Midwifery (McMaster Consortium)		$1 313 778	$1 313 778	$1 313 778	$1 325 778	$1 313 778	$1 313 778	$0	0.0%	$0	0.0%	$0	0.0%	($12 000)	-0.9%	$0	0.0%
	k Nursing - Tuition Waiver/Graduate		$0	$0	$0	$1 000 000	$1 120 457	$1 400 583	$1 400 583		$1 400 583		$1 400 583		$400 583	40.1%	$280 126	25.0%
	l Ontario/Four Winters (Ottawa, Que		$245 000	$250 000	$0	$0	$0		($245 000)	-100.0%	($250 000)	-100.0%	$0		$0		$0	
	m Ontario/Quebec Academic Exchan		$108 100	$140 250	$110 923	$0	$0		($108 100)	-100.0%	($140 250)	-100.0%	($110 923)	-100.0%	($0)	-100.0%	$0	
	n Ontario/Quebec Health Study Proj		$329 493	$450 000	$180 870	$215 107	$230 370	$295 687	($33 806)	-9.9%	($154 133)	-34.3%	$104 887	54.9%	$65 470	40.8%	$58 467	23.6%
	o College Alfred/Guelph Agreement		$0	$0	$500 000	$0	$0		$0		$0		($500 000)	-100.0%	$0		$0	
	p Council of Ministers of Education C		$30 000	$0	$0	$0	$0		($30 000)	-100.0%	$0		$0		$0		$0	
	q SARS compensation							$1 563 678	$1 563 678		$1 563 678		$1 563 678		$1 563 678		$1 563 678	
	r Training for Professionals in Autism Therapies							$3 000 000	$3 000 000		$3 000 000		$3 000 000		$1 000 000		$3 000 000	
	s Transcription Services for Print Di		$330 000	$400 000	$525 000	$645 000	$160 300	$685 000	$355 000	107.6%	$285 000	71.3%	$160 000	30.5%	$40 000	6.2%	$80 700	14.9%
	t University Student Residence Proj		$1 831 618	$1 108 366	$3 208 180	$1 854 348	$489 864	$2 184 310	$352 694	19.3%	$1 055 955	94.3%	($1 133 880)	-34.4%	$305 964	16.5%	$1 694 426	333.0%
	u Womens Campus Safety		$690 990	$700 000	$990 990	$990 990	$990 990	$715 000	$15 001	2.1%	$15 000	2.1%	$15 001	2.1%	$15 001	2.1%	$15 001	2.1%
	v Work Place Safety & Insurance Bo		$7 114	$20 000	$8 153	$8 360	$11 202	$13 754	$6 640	93.3%	($6 246)	-31.2%	$4 601	50.3%	$5 394	64.5%	$2 552	22.8%
	w Workers Insurance Premium Cove		$0	$15 000	$25 500	$800	$4 085	$2 078	$2 078		($12 921)	-86.1%	($23 421)	-91.8%	$1 413	0 212.2%	($2 008)	-8 049.1%
	x Advanced Training Program (CUC		$0	$0	$175 000	$175 000	$175 000	$175 000	$175 000		$175 000		$0	0.0%	$0	0.0%	$0	0.0%
	y OPAS		$0	$0	$125 000	$130 000	$100 000	$130 000	$130 000		$130 000		$5 000	4.0%	$0	0.0%	$30 000	30.0%
	z ICSEI Conference (York)		$0	$0	$5 000	$0	$0		$0		$0		($5 000)	-100.0%	$0		$0	
	aa CMEC (Postsecondary Expectation		$0	$0	$15 000	$15 000	$30 000	$0	$0		$0		($15 000)	-100.0%	($15 000)	-100.0%	($30 000)	-100.0%

	Envelope	Notes	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	Change from 1998-99 to 2003-04 $	Change from 1998-99 to 2003-04 %	Change from 1999-00 to 2003-04 $	Change from 1999-00 to 2003-04 %	Change from 2000-01 to 2003-04 $	Change from 2000-01 to 2003-04 %	Change from 2001-02 to 2003-04 $	Change from 2001-02 to 2003-04 %	Change from 2002-03 to 2003-04 $	Change from 2002-03 to 2003-04 %
12	Teacher Education Expansion	5	$0	$3 750 000	$3 749 998	$3 882 499	$510 000		$0		($3 750 000)	-100.0%	($3 749 998)	-100.0%	($3 882 499)	-100.0%	($510 000)	-100.0%
13	Medical Expansion - Startup					$7 000 000	$0		$0		$0		$0		($7 000 000)	-100.0%	$0	
	Medical Expansion - Operating		$0	$0	$975 752	$3 792 265	$7 873 275	$11 155 089	$11 155 089		$11 155 089		$10 179 337	1043.2%	$7 362 764	194.2%	$3 481 764	45.4%
	Medical Expansion - Graduate							$3 748 005										
	Nursing - Compressed Degree					$1 055 462	$3 585 000	$3 334 000	$3 334 000		$3 334 000		$3 334 000		$2 278 538	215.9%	($251 000)	-6.8%
	Northern Medical School						$9 300 493	$22 932 257	$22 932 257		$22 932 257		$22 932 257		$22 932 257		$17 631 764	332.9%
14	Ministry Initiatives & Contingency		$735 338	$2 788 006	$0			$0	($735 338)	-100.0%	($2 788 006)	-100.0%	$0		$0		$0	
15	UOIT						$11 755 143	$14 856 221	$14 856 221		$14 856 221		$14 856 221		$14 856 221		$3 101 078	26.4%
16	Ontario Graduate Scholarships in Science & Tech		$2 640 000	$6 080 000	$6 080 000	$5 000 000	$5 000 000	$5 000 000	$2 360 000	78.1%	($1 080 000)	-17.8%	$0	0.0%	$0	0.0%	$0	0.0%
a	Base Funding		$2 640 000	$5 000 000	$5 000 000	$5 000 000	$5 000 000	$5 000 000	$2 360 000	78.1%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
b	Carry Forward		$0	$1 080 000	$1 080 000	$0	$0	$0	$0		($1 080 000)	-100.0%	($1 080 000)	-100.0%	$0		$0	
17	Access to Opportunities Program (ATOP)		$34 300 000	$45 100 000	$85 400 000	$46 561 035	$58 737 598	$80 600 000	$26 300 000	76.7%	$15 100 000	33.2%	($24 800 000)	-29.0%	$14 049 995	30.2%	$3 862 464	6.9%
a	Start-Up Funding		$30 400 000	$23 100 000	$49 200 000	$0	$0		($30 400 000)	-100.0%	($23 100 000)	-100.0%	($49 200 000)	-100.0%				
b	On-Going Funding		$3 900 000	$22 000 000	$36 200 000	$46 561 035	$58 737 598	$80 600 000	$76 700 000	1,953.8%	$58 600 000	170.5%	$24 400 000	67.4%	$14 049 995	30.2%	$3 862 464	6.9%
	Total	6	$1 588 514 000	$1 640 581 000	$1 726 698 000	$1 732 385 105	$1 885 834 719	$2 315 681 101	$810 167 101	36.8%	$575 105 101	35.1%	$488 784 381	29.6%	$483 295 958	27.9%	$329 846 442	17.5%
	Total excluding ATOP Start Up Funding		$1 588 514 000	$1 617 481 000	$1 677 098 800	$1 732 385 105	$1 885 834 719	$2 315 681 101	$649 567 101	41.5%	$598 200 101	37.0%	$537 984 381	33.3%	$483 295 958	27.9%	$329 846 442	17.5%

Notes

1 Decreased by $2 0M and rolled into Basic Operating Grant in 1999-00
2 In 2001-02 $30 8 of Accessibility is for the previous year
3 Rolled into Basic Operating Grant in 2001-02
4 Categorized as Budget Initiative in 1999-00 Increased by $2 0M and moved to Institution Specific Grants in 2000-01
5 Each year rolled into Basic Operating Grant in subsequent years
6 Public Accounts "Grants for University Operating Costs" in 1998-99 includes ATOP startup and ongoing funding These are excluded in subsequent years

Source MTCU

APPENDIX I

CONSUMER PRICE INDEX
CANADA
1970-71 to 2003-04

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan-Dec Average	Jan-Dec Increase
1970														
1971														
1972														
1973														
1974														
1975														
1976														
1977														
1978														
1979														
1980	49 8	50 3	50 7	51 1	51 7	52 2	52 6	53 2	53 6	54 1	54 8	55 0	52 4	
1981	55 8	56 4	57 1	57 5	58 0	58 9	59 4	59 9	60 3	60 9	61 4	61 7	58 9	12 4%
1982	62 1	62 9	63 7	64 0	64 9	65 6	65 9	66 2	66 6	67 0	67 4	67 4	65 3	10 9%
1983	67 3	67 6	68 3	68 3	68 5	69 2	69 5	69 9	69 9	70 3	70 3	70 5	69 1	5 8%
1984	70 9	71 3	71 4	71 7	71 7	72 1	72 4	72 4	72 5	72 7	73 1	73 1	72 1	4 3%
1985	73 5	73 9	74 1	74 4	74 6	75 0	75 3	75 3	75 5	75 7	76 0	76 3	75 0	4 0%
1986	76 7	77 0	77 2	77 3	77 7	77 8	78 4	78 6	78 6	79 0	79 4	79 5	78 1	4 1%
1987	79 7	80 1	80 4	80 8	81 3	81 5	82 0	82 1	82 1	82 4	82 7	82 8	81 5	4 4%
1988	83 0	83 3	83 8	84 0	84 5	84 7	85 2	85 4	85 5	85 9	86 1	86 1	84 8	4 0%
1989	86 6	87 1	87 6	87 8	88 8	89 2	89 8	89 9	90 0	90 3	90 6	90 6	89 0	5 0%
1990	91 3	91 9	92 2	92 2	92 7	93 1	93 5	93 6	93 8	94 6	95 2	95 1	93 3	4 8%
1991	97 6	97 6	98 0	98 0	98 4	98 9	99 0	99 1	98 9	98 8	99 1	98 7	98 5	5 6%
1992	99 1	99 2	99 5	99 6	99 8	100 0	100 2	100 2	100 2	100 3	100 8	100 8	100 0	1 5%
1993	101 2	101 5	101 4	101 4	101 6	101 6	101 9	102 0	102 0	102 2	102 7	102 5	101 8	1 8%
1994	102 5	101 7	101 6	101 6	101 4	101 6	102 0	102 1	102 2	102 0	102 6	102 7	102 0	0 2%
1995	103 1	103 6	103 8	104 1	104 4	104 4	104 6	104 4	104 5	104 4	104 7	104 5	104 2	2 2%
1996	104 8	104 9	105 3	105 6	105 9	105 9	105 9	105 9	106 1	106 3	106 8	106 8	105 9	1 6%
1997	107 0	107 2	107 4	107 4	107 5	107 7	107 7	107 9	107 8	107 9	107 7	107 6	107 6	1 6%
1998	108 2	108 3	108 4	108 3	108 7	108 8	108 8	108 8	108 6	109 0	109 0	108 7	108 6	0 9%
1999	108 9	109 1	109 5	110 1	110 4	110 5	110 8	111 1	111 4	111 5	111 4	111 5	110 5	1 7%
2000	111 4	112 0	112 8	112 4	113 0	113 7	114 1	113 9	114 4	114 6	115 0	115 1	113 5	2 7%
2001	114 7	115 2	115 6	116 4	117 4	117 5	117 1	117 1	117 4	116 8	115 8	115 9	116 4	2 6%
2002	116 2	116 9	117 7	118 4	118 6	119 0	119 6	120 1	120 1	120 5	120 8	120 4	119 0	2 2%
2003	121 4	122 3	122 8	121 9	122 0	122 1	122 2	122 5	122 7	122 4	122 7	122 8	122 3	2 8%
2004	122 9	123 2	123 6	125 0	125 1									
y/y	1 2%	0 7%	0 7%	2 5%	2 5%									

	May-Apr Average	May-Apr Increase	1980-81 = 100 0 May-Apr Average	1980-81 = 100 0 May-Apr Increase
1970-71			44 7	
1971-72			46 4	3 8%
1972-73			48 8	5 2%
1973-74			53 1	8 8%
1974-75			59 2	11 5%
1975-76			65 1	10 0%
1976-77			69 5	6 8%
1977-78			75 5	8 6%
1978-79			82 ·	9 1%
1979-80	49 1		90 0	9 2%
1980-81	54 5		100 0	11 1%
1981-82	61 1	12 1%	112 1	12 1%
1982-83	66 9	9 5%	122 7	9 5%
1983-84	70 3	5 1%	129 0	5 1%
1984-85	73 0	3 8%	133 9	3 8%
1985-86	76 0	4 1%	139 4	4 1%
1986-87	79 2	4 2%	145 3	4 2%
1987-88	82 6	4 3%	151 5	4 3%
1988-89	86 0	4 1%	157 9	4 2%
1989-90	90 6	5 3%	166 2	5 3%
1990-91	95 2	5 1%	174 7	5 1%
1991-92	99 0	4 0%	181 7	4 0%
1992-93	100 7	1 7%	184 7	1 7%
1993-94	102 0	1 3%	187 1	1 3%
1994-95	102 6	0 6%	188 3	0 6%
1995-96	104 7	2 0%	192 1	2 0%
1996-97	106 6	1 8%	195 5	1 8%
1997-98	107 9	1 2%	198 0	1 3%
1998-99	109 0	1 0%	200 0	1 0%
1999-00	111 4	2 2%	204 5	2 3%
2000-01	114 6	2 9%	210 4	2 9%
2001-02	117 1	2 2%	214 9	2 1%
2002-03	120 6	3 0%	221 4	3 0%
2003-04	122 8	1 8%	225 4	1 8%

Notes: All items included Not seasonally adjusted 1992 = 100.

Source: Statistics Canada 62-001 Table 4
Statistics Canada website at: http://www.statcan.ca/english/Subjects/Cpi/cpi-en.htm